



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Chemicals

Proc Folder: 1829560			Reason for Modification:
Doc Description: OIL25 - Statewide Contract for: Oils, Lubricants, & Grease			
Proc Type: Statewide MA (Open End)			
Date Issued	Solicitation Closes	Solicitation No	Version
2025-11-06	2025-11-18 13:30	CRFQ 0212 SWC2600000004	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

RECEIVED

2025 NOV 17 PM 1:42

WV PURCHASING
DIVISION

VENDOR

Vendor Customer Code: 000000218730

Vendor Name : Pugh Lubricants dba Apollo Oil

Address :

Street : 800 1st Avenue South

City : Nitro

State : WV

Country : US

Zip : 25143

Principal Contact : Joe Payne

Vendor Contact Phone: 304-741-3766

Extension:

FOR INFORMATION CONTACT THE BUYER

Mark A Atkins
(304) 558-2307
mark.a.atkins@wv.gov

**Vendor
Signature X**

Joe Payne

FEIN# 81-4084872

DATE 11/17/25

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION
The West Virginia Purchasing Division is soliciting bids to establish an Open-End Statewide Contract for Oils, Lubricants, and Grease. This contract shall cover all West Virginia State Agencies and Political Subdivisions located in the State of West Virginia, per the attached documents.

INVOICE TO	SHIP TO
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER
No City US	No City US
WV	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Oils, Lubricants, & Grease: Use Exhibit_A Pricing Page	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
15120000			

Extended Description:

Note: Vendor shall use Exhibit_A Pricing Pages for bid pricing.

If vendor is submitting a bid online, Vendor should enter \$0.00 in the Oasis commodity line.

Vendor shall enter pricing into the Exhibit_A Pricing Pages and must attach with bid.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions due by 10:00am ET	2025-11-10

	Document Phase	Document Description	Page 3
SWC2600000004	Final	OIL25 - Statewide Contract for: Oils, Lubricants, & Grease	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. **REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. **MANDATORY TERMS:** The Solicitation may contain **mandatory** provisions identified by the use of the words "**must**," "**will**," and "**shall**." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. **PRE-BID MEETING:** The item identified below shall apply to this Solicitation.

☒ A pre-bid meeting will not be held prior to bid opening

☐ A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the **mandatory** pre-bid meeting. Failure to attend the **mandatory** pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions **must be submitted on or before the date listed below and to the address listed below to be considered.** A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are non-binding.

Submitted emails should have the solicitation number in the subject line. Question

Submission Deadline: November 10, 2025 due by 10:00am ET.

Submit Questions to: Mark Atkins, Buyer Supervisor
2019 Washington Street, East Charleston, WV 25305
Fax: (304) 558-3970
Email: Mark.A.Atkins@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through wvOASIS, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, the Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. The Purchasing Division will not accept bids or modification of bids via email.

Bids submitted in paper, facsimile, or via wvOASIS must contain a signature. Failure to submit a bid in any form without a signature will result in rejection of your bid.

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER: Mark Atkins

SOLICITATION NO.: CRFQ 0212 SWC2600000004

BID OPENING DATE: 11/18/2025

BID OPENING TIME: 1:30pm ET

FAX NUMBER: 304-558-3970

Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason.

Bid Delivery Address and Fax Number:

Department of Administration, Purchasing Division 2019 Washington Street East

Charleston, WV 25305-0130

Fax: 304-558-3970

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery or via delivery by mail).

Bid Opening Date and Time: November 18, 2025 at 1:30pm ET.

Bid Opening Location:

Department of Administration, Purchasing Division

2019 Washington Street East

Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgement Form. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATE MODEL OR BRAND: Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand **shall** clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items **may** be grounds for rejection of a Vendor's bid.

☐ This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6.2, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

12. REGISTRATION: Prior to Contract award, the apparent successful Vendor **must** be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

13. UNIT PRICE: Unit prices **shall** prevail in cases of a discrepancy in the Vendor's bid.

14. PREFERENCE: Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:

For any solicitations publicly advertised for bid, in accordance with West Virginia Code § 5A-3-37 and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors.

16. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.7.

17. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

18. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1- 5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

19. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.6. and § 148-1-6.3.”

20. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.7. This authority does not apply to instances where state law mandates receipt with the bid.

21. EMAIL NOTIFICATION OF AWARD: The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor ~~wv~~OASIS or the Purchasing Division's website to determine when a contract has been awarded.

22. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that **shall** form the basis of a contractual agreement. **Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid.** Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

☒ **Term Contract**

Initial Contract Term: The Initial Contract Term will be for a period of One (1) Year. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to Three (3) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

☐ **Alternate Renewal Term** -- This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

☐ **Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

☐ **Fixed Period Contract with Renewals:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

☐ the contract will continue for _____ years;

☐ the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

☐ **One-Time Purchase:** The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

☐ **Construction/Project Oversight:** This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

☐ **Other:** Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

☒ **Open End Contract:** Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

☐ **Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.

☐ **Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

☐ **One-Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

☐ **Construction:** This Contract is for construction activity more fully defined in the specifications.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

☐ **LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

☐☐☐☐

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

☒ **Commercial General Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

☐ **Automobile Liability Insurance** in at least an amount of: \$250,000.00 per occurrence.

☐ **Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

☐ **Commercial Crime and Third Party Fidelity Insurance** in an amount of: _____ per occurrence.

☐ **Cyber Liability Insurance** in an amount of: _____ per occurrence.

☐ **Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

☐ **Pollution Insurance** in an amount of: _____ per occurrence.

☐ **Aircraft Liability** in an amount of: _____ per occurrence.

☐

☐

☐

☐

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

☐ _____ for _____.

☐ Liquidated Damages Contained in the Specifications.

☒ Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in www.state.wv.us/admin/purchase/privacy.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

☒ Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

☒ Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Joe Payne Territory Business Mgr.
(Address) 800 1st Avenue South, Nitro, WV 25143
(Phone Number) / (Fax Number) 304-741-3766 / 866-231-4639
(email address) jpayne@cadencepetroleum.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Pugh Lubricants dba Apollo Oil
(Company)
[Signature]
(Signature of Authorized Representative)
Joe Payne Territory Business Manager 11/17/25
(Printed Name and Title of Authorized Representative) (Date)
304-741-3766 / 866-231-4639
(Phone Number) (Fax Number)
jpayne@cadencepetroleum.com
(Email Address)

REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease

SPECIFICATIONS

- 1. PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids to establish an Open-End Statewide Contract for Oils, Lubricants, and Grease. This contract Must cover all West Virginia State Agencies and Political Subdivisions located in the State of West Virginia.

The subsequent award resulting from this RFQ is intended to replace the current contract "OIL22" which can be viewed in its entirety at:

<https://www.state.wv.us/admin/purchase/SWC/default.html>

- 2. DEFINITIONS:** The terms listed below Must have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
- 2.1 "Contract Item" or "Contract Items"** means the list of items identified in Section 3.1 below and on the Pricing Pages.
- 2.2 "Pricing Pages"** means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A and used to evaluate the Solicitation responses.
- 2.3 "Solicitation" or "RFQ"** (Request for Quotation) means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
- 2.4 "SAE"** mean the "Society of Automotive Engineering" used to grade motor oils according to their viscosity.
- 2.5 "API"** means the "American Petroleum Institute".
- 2.6 "ILSAC"** means the "International Lubricant Standardization and Approval Committee.
- 2.7 "LMOA"** means the "Locomotive Maintenance Officers Association.
- 2.8 "EMD"** Means "Electro-Motive Diesel" engine.
- 2.9 "NLGI"** means the "National Lubricating Grease Institute".
- 2.10 "OSHA"** means the "Occupational Safety and Health Association".

REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease

3. GENERAL REQUIREMENTS:

3.1 Contract Items and Mandatory Requirements: Vendor Must provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.

3.1.1 2-CYCLE MOTOR OIL - CHAINSAW, POWER MOWERS, PUMPS, & SNOWMOBILES:

- 3.1.1.1** Motor Oil must be specifically compounded and marketed for mixing with gasoline to lubricate air- and water-cooled engines.
- 3.1.1.2** Motor Oil must meet the minimum requirements as an engine lubricant for the major manufacturers of two-cycle engines.
- 3.1.1.3** Motor Oil must be satisfactory for use in any fuel to oil ration as specified by the engine manufacturer up to and including 50:1 ration.
- 3.1.1.4** Motor Oil Must be available in the SAE viscosity grade(s) specified for use in Homelite, McCulloch, Poulan, Stihl, Husqvarna, or other two-cycle engines or equal.

3.1.2 OUTBOARD MOTOR OIL:

- 3.1.2.1** Outboard Motor Oil specifically compounded and marketed for mixing with gasoline to lubricate two-cycle, water cooled engines.
- 3.1.2.2** Outboard Motor Oil must be tested and certified by the National Marine Manufacturers Association (NMMA) for TCW III.
- 3.1.2.3** Outboard Motor Oil must be satisfactory for use in any fuel to oil ration as specified by the engine manufacturer up to and including 50:1 ration.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

3.1.2.4 Outboard Motor Oil Must be available in the SAE viscosity grade(s) specified by the engine manufacturers for use in Evinrude, Johnson, Mercury, Yamaha, Honda, or other two-cycle outboard motors or equal.

3.1.3 MOTOR OIL (GAS AND/OR DIESEL):

3.1.3.1 Must be produced from virgin materials.

3.1.3.2 Must be suitable for use in passenger cars, trucks, and heavy construction equipment.

3.1.3.3 Must be approved for gasoline and diesel engines.

3.1.3.4 Must be API certified and have the API seal of approval on the product.

3.1.3.5 Must meet the performance requirement ("Primary Performance Criteria") described in ASTM designated D4485 for performance categories: API Service CK-4, CJ-4, CI-4 Plus, CH-4/SN, SN Plus, SM, SL, SJ, FA-4..

3.1.3.5.1 Conformance of the oil furnished with the performance requirements Must be determined with the test methods identified in the most recent edition of ASTM D4485 for all categories.

3.1.3.6 Crankcase oil must be suitable for use in new model gasoline and diesel engines where this service category oil requirement is specified by the engine manufacturer.

3.1.3.7 Must meet the performance level of MIL-L 2104E and MIL-L 45152D or equal.

3.1.3.8 Sulfate ash (ASTMD-874) Must be a maximum of 1.00% by weight.

3.1.3.9 Minimum viscosity index for all motor oils Must be 95.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

3.1.3.10 Synthetic Motor Oil:

3.1.3.10.1 Must be approved for both Gas and/or Diesel engines.

3.1.3.10.2 Must be API Certified and have the API seal of approval on the product.

3.1.3.10.3 Must meet GM-6094M, GM-4718M, and Ford ESE-MC153-E or Equal

3.1.3.10.4 Must meet the performance level of MIL-L-46152E and MIL-L-2104D or Equal.

3.1.4 EXTREME PRESSURE (EP) GEAR LUBRICANT:

3.1.4.1 API Service Category: GL-5, PG-1, PG-2

3.1.4.2 SAE Viscosity Grades: 80W90 and 85W140

3.1.4.2.1 These lubricants are intended for use in passenger car, truck, and tractor differentials (particularly hypoid type), steering gears, and other points requiring a lubricant of exceptional load carrying ability.

3.1.5 GEAR LUBRICANT:

3.1.5.1 API Service Category: GL-1

3.1.5.2 Mineral gear lube 90.

3.1.5.2.1 For use in automotive and heavy equipment transmission differentials where EP lubricant is not required.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

3.1.6 SYNTHETIC LUBRICANT:

3.1.6.1 Must be fully synthetic.

3.1.6.2 SAESO Lubricant for use in heavy-duty truck manual transmissions must meet EATON PS-164, R7, MACK GO-A PLUS, NAVISTAR TMS 6816 or Equal.

3.1.7 WHEEL BEARING & CHASSIS GREASE:

3.1.7.1 Must be designated by manufacturer as suitable for multi-purpose use in cars, light & heavy trucks, and industrial equipment.

3.1.7.2 Must be made from a lithium complex soap.

3.1.7.3 Minimum NLGI Consistency #1 and #2.

3.1.7.4 Must be resistant to oxidation and water washout as specified in ASTM D1264.

3.1.7.5 Must meet minimum leakage resistance as specified in ASTM D1263.

3.1.7.6 Minimum 450-degree Fahrenheit dropping point as specified in ASTM D2265.

3.1.7.7 Worked penetration per ASTM D217 and D1403.

3.1.7.7.1 NLGI#1 310-340

3.1.7.7.2 NLGI#2 265-295

3.1.7.8 NLGI-GC/LB

3.1.8 ALL PURPOSE GREASE (MOLY):

3.1.8.1 Must be designated by the manufacturer as suitable for use in industrial, automotive, and construction equipment including heavy stock loading conditions.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

3.1.8.2 Must meet minimum requirements for all major heavy equipment manufacturers such as Caterpillar, John Deere, Komatsu, Case, Volvo, etc

3.1.8.3 Minimum NLGI Consistency #2.

3.1.8.4 Minimum 500-degree Fahrenheit dropping point as specified in ASTM D2265.

3.1.8.5 Minimum 3% moly.

3.1.9 HYDRAULIC OIL (HYDRAULIC HOIST OIL):

3.1.9.1 Turbine/Circulating Oil (R022): Product must be specially blended for service in hydraulic systems employing either vane or gear-type pumps as utilized on snow removal, road construction, and hydraulic operated equipment. (This oil is not intended for use in hydraulic brakes and automobile type steering units).

3.1.9.1.1 Abex Denision HF-0, HF-1, HF-2 or Equal.

3.1.9.1.2 Sperry Vickers M-2950-S, 1-286-S or Equal.

3.1.9.1.3 Sunstrand Hydrostatics or Equal.

3.1.9.2 Hydraulic Oil Light-Weight (AW32):

3.1.9.2.1 For use when outside temperature is generally below 32-degrees Fahrenheit.

3.1.9.3 Hydraulic Oil Medium-Weight (AW46):

3.1.9.3.1 For use when outside temperature is generally between 32-100 degrees Fahrenheit.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

3.1.9.3.2 Hydraulic Oil Heavy-Weight (AW68):

3.1.9.3.2.1 For use in some systems where ambient temperatures are generally higher and/or when heavier weight products are recommended.

3.1.10 HYDRAULIC OIL REQUIREMENTS:

3.1.10.1 Manufactured to meet or exceed manufacturers' hydraulic requirements.

3.1.10.2 Must not produce deleterious effects on neoprene, leather, or other seals used in hydraulic systems.

3.1.10.3 Must contain corrosion, oxidation, anti-wear, and foam inhibitors to protect the hydraulic system. This Must include but not limited to pump, motor, and valves.

3.1.10.4 Minimum viscosity index for all hydraulic oil Must be 95.

3.1.10.5 Hydraulic oil Must be tested per ASTM D2619 and approved.

3.1.11 CATAPILLAR HYDRUALIC OIL:

3.1.11.1 Cat Hydro Advanced 10 or Equal:

3.1.11.1.1 Must meet minimum requirements for all CAT Machine Hydraulic Systems.

3.1.11.1.2 Must meet minimum oxidation stability per ASTM D943.

3.1.11.1.3 Must have a minimum viscosity index of 114 per ASTM D2270.

3.1.11.1.4 SAE Viscosity grade IOW.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

3.1.12 TRANSMISSION FLUID:

3.1.12.1 Dexron – Mercon, or Equal:

3.1.12.1.1 This automatic transmission fluid Must be suitable for use in any application where conventional ATF is specified.

3.1.12.1.2 1T0-4 Fluids:

3.1.12.1.2.1 Must meet CAT T0-4 requirements.

3.1.12.1.2.2 Must meet Allison C-4 requirements.

3.1.12.1.2.3 Must provide rust corrosion control, oxidation stability, foam resistance, and elastomer compatibility.

3.1.12.1.3 Dexron III, Mercon, Mercon V, ATF+3, & ATF+4 or Equal:

3.1.12.1.3.1 This automatic transmission fluid Must be suitable for use in any application where multi-vehicle ATF is specified.

3.1.12.1.4 Dexron VI or Equal:

3.1.12.1.4.1 ATF meeting GM specifications or equal.

3.1.12.1.5 TES-295 Allison Fluid BP Autran or Equal:

3.1.12.1.5.1 ATF must meet Allison specifications or equal.

3.1.12.1.6 Motorcraft Mercon LV or Equal:

3.1.12.1.6.1 ATF must meet Ford Motor Company specifications.

3.1.12.1.6.2 Minimum Viscosity index must be 155.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

3.1.12.1.7 Motorcraft Mercon SP or Equal:

3.1.12.1.7.1 ATF must meet Ford Motor Company specifications.

3.1.12.1.7.2 Minimum Viscosity index must be 155.

3.1.12.1.8 Valvoline CVT Fluid or Equal:

3.1.12.1.8.1 Must be formulated with premium synthetic base stocks, long-life friction modifiers, anti-wear additives and shear stable viscosity modifiers.

3.1.12.1.8.2 Minimum Viscosity @ 100-degrees Celsius must be 7.2.

3.1.12.1.8.3 Must meet all major automobile (i.e. Ford, Chrysler, GM, Toyota, etc.) manufacturers specifications for belt and chain driven continually variable transmissions (CVT) and will not void vehicle warranties.

3.1.13 COMBINATION FLUID (Universal Tractor Hydraulic/Transmission Oil):

3.1.13.1 HY-GUARD OIL or Equal.

3.1.13.2 Minimum Viscosity @ 40-degree Celsius must be ISO grade 46.

3.1.13.3 Must meet the minimum manufacturer requirements for farm equipment, off highway machinery, and industrial tractor transmissions, final drives, wet brakes, and hydraulics when supplied from a common fluid reservoir.

3.1.13.3.1 This fluid Must meet or exceed all of the manufacturer requirements for John

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

Deere J20A, John Deere J20C, Allis
Chalmers 257541, Massey Ferguson
Permatran III, White Equipment Q-
1722, and Ford M2C134A, or Equal.

3.1.14 RAILROAD DIESEL ENGING OIL:

3.1.14.1 Must be generation 4 SAE40 oil as designated by
(LOMA) EMD approved.

3.1.15 SYNTHETIC MULTIPURPOSE GEAR LUBRICANT:

3.1.15.1 API Service Category GL-5.

3.1.15.2 SAE Viscosity grade 75W90.

3.1.15.2.1 DANA SHADES 256, REV.C, EATON
E500, MACK GO-J PLUS, or Equal.

3.1.15.3 SAE Viscosity grade 80W140.

3.1.15.3.1 DANA SHADES 256, ARVIN
MERITOR O-76, MACK GO-J or
Equal.

3.1.15.4 Must be manufactured from synthesized
hydrocarbon base oils and a sulfur phosphorus gear
lubricant additive package.

3.1.15.5 Must meet manufacturers minimum requirements
for farm equipment, off highway machinery, and
industrial tractors.

3.1.16 FORMULATED GEAR OIL (Limited-Slip Gear Lubricant):

3.1.16.1 API Service Category GL-5.

3.1.16.2 SAE Viscosity grade 80W90.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

3.1.16.3 Must contain rust, corrosion, anti-wear and foam inhibitors.

3.1.17 55 GALLON DRUMS:

3.1.17.1 All drums shipped become the property of the ordering agency and cannot be invoiced separately for deposits or credits.

3.1.17.2 Vendor should include the price of the drum into their Unit Price cost for each commodity item shipped in drum packaging.

3.1.17.2.1 If an Agency desires to return any drum purchased when empty, the vendor may pick up the drum at no charge to the agency if the vendor desires.

3.1.17.3 See **Section 6.1** for additional drum requirements.

3.2 REPORTS: The Contractor Must provide to the State of West Virginia's primary contact person quarterly utilization reports containing at a minimum the following information pertaining to the State of West Virginia agencies, boards, commissions, and political subdivisions:

- 3.2.1** Ordering Entity;
- 3.2.2** Purchase order number;
- 3.2.3** Description;
- 3.2.4** Quantity;
- 3.2.5** Price.

These reports must be provided in Excel format and sent via email on a quarterly basis as follows:

<u>PERIOD END</u>	<u>REPORT DUE</u>
December 31	January 31
March 31	April 30
June 30	July 31
September 30	October 31

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

The contract number **CMA 0212 OIL25** must be included on all Quarterly Sales Reports. Any quarter with zero sales must be reported as zero sales.

FAILURE TO PROVIDE THE REPORTS SPECIFIED IN THE RFQ MAY BE GROUNDS FOR CONTRACT CANCELLATION.

- 3.3 ADMINISTRATIVE FEE:** The Vendor shall pay to the West Virginia Purchasing Division by check, an Administrative Fee of One (1) Percent (1.00% or 0.01) no later than sixty (60) calendar days following the end of each quarter for purchases made by all state or local government agencies within the jurisdiction of the State of West Virginia under West Virginia Contract No.: **CMA 0212 OIL25**.

This fee is to be included as part of the prices incorporated into this Contract and will begin on the contract start date. The Administrative Fee shall be submitted quarterly and is based on the gross amount of all sales made in the State of West Virginia under the West Virginia Master Agreement No. **CMA 0212 OIL25**.

Payment shall be made by check payable to the **“WV Purchasing Division”**. The West Virginia Contract number **CMA 0212 OIL25** must be included on all payments.

Remit Checks To: WV Purchasing Division
2019 Washington Street, East
Charleston, WV 25305
Attn: Purchasing Director

4. CONTRACT AWARD:

- 4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price on all Contract Items. The Contract Must be awarded to the Vendor that provides all Contract Items meeting the required specifications for the lowest overall Grand Total Cost as shown on the Pricing Pages.
- 4.2 Pricing Pages:** Vendor should complete the Exhibit_A Pricing Pages by entering the Manufacturer (Column 4), Brand Name (Column 5), Unit Price (Column 7), Vendor Order/Part Number (Column 10), and Vendor Preferred Order size/weight (Column 11), into the correct boxes and complete the vendor information at the bottom of the pricing page. The Exhibit_A Pricing pages are formatted to automatically calculate the Extended Price and Grand Total Cost when the Unit Price is entered. However, it is the vendors responsibility to ensure the calculations for their bid is correct before

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

submitting. In the event of an error, the Unit Price Must prevail. The Purchasing Division may correct errors at its discretion. Vendor should complete the Pricing Pages in their entirety as failure to do so may result in Vendor's bids being disqualified.

If submitting in wvOasis, vendor should download the Exhibit_A Pricing pages and complete then upload as an attachment to their bid.

If responding on paper, vendor should download the Exhibit_A Pricing pages, complete, then print and attach with their bid submission.

The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document.

5. ORDERING AND PAYMENT:

5.1 Ordering: Vendor Must accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor Must ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.

Spending Units (Agencies) Should process release orders through WVOasis using Agency delegated release orders (ADO).

Minimum orders Must be \$200.00 and shipped FOB Destination. Orders less than \$200.00 may be obtained by the Agency using proper purchasing procedures.

5.2 Payment: Vendor must accept payment in accordance with the payment procedures of the State of West Virginia.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease

6. DELIVERY AND RETURN:

- 6.1 Delivery Time:** Vendor Must deliver standard orders within seven (7) calendar days after orders are received (ARO). Vendor Must deliver emergency orders within three (3) calendar days after orders are received. Vendor Must ship all orders in accordance with the above schedule and Must not hold orders until a minimum delivery quantity is met.

DRUMS: All Drums furnished Must be labeled as required by OSHA for hazardous materials. Material Safety Data Sheets (MSDS) Must be furnished in accordance with the current federal and state laws and requirements concerning hazardous chemicals to the ordering Agency. MSDS must be submitted and shipped with the product ordered.

A packing slip must accompany all shipments. All drums must be sealed and shipped on a two-way, non-refundable pallet.

- 6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

- 6.3 Delivery Payment/Risk of Loss:** Standard order delivery Must be F.O.B. destination to the Agency's location. Vendor Must include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.
- 6.4 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items Must be returned to Vendor at Vendor's expense and with no restocking charge. Vendor Must either make arrangements for the return within five (5) days of being notified that the items are unacceptable or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items Must be F.O.B. the Agency's location. The returned product Must either be replaced, or the Agency Must receive a full credit or refund for the purchase price, at the Agency's discretion.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

6.5 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor Must not charge a restocking fee if returned products are in a resalable condition. Items Must be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition Must be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7. VENDOR DEFAULT:

7.1 The following Must be considered a vendor default under this Contract.

7.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.

7.1.2 Failure to comply with other specifications and requirements contained herein.

7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

7.1.4 Failure to remedy deficient performance upon request.

7.2 The following remedies Must be available to Agency upon default.

7.2.1 Immediate cancellation of the Contract.

7.2.2 Immediate cancellation of one or more release orders issued under this Contract.

7.2.3 Any other remedies available in law or equity.

8. MISCELLANEOUS:

8.1 No Substitutions: Vendor Must supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

8.2 Vendor Supply: Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

**REQUEST FOR QUOTATION
CRFQ 0212 SWC2600000004
(OIL25)
Statewide Contract for Oils, Lubricants & Grease**

- 8.3 Reports:** Vendor Must provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor Must also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 8.4 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Joe Payne
Telephone Number: 304-741-3766
Fax Number: 866-231-4639
Email Address: jpayne@cadencepetroleum.com

FEDERAL FUNDS ADDENDUM

2 C.F.R. §§ 200.317 – 200.327

Purpose: This addendum is intended to modify the solicitation in an attempt to make the contract compliant with the requirements of 2 C.F.R. §§ 200.317 through 200.327 relating to the expenditure of certain federal funds. This solicitation will allow the State to obtain one or more contracts that satisfy standard state procurement, state federal funds procurement, and county/local federal funds procurement requirements.

Instructions: Vendors who are willing to extend their contract to procurements with federal funds and the requirements that go along with doing so, should sign the attached document identified as: “REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317)”

Should the awarded vendor be unwilling to extend the contract to federal funds procurement, the State reserves the right to award additional contracts to vendors that can and are willing to meet federal funds procurement requirements.

Changes to Specifications: Vendors should consider this solicitation as containing two separate solicitations, one for state level procurement and one for county/local procurement.

State Level: In the first solicitation, bid responses will be evaluated with applicable preferences identified in sections 15, 15A, and 16 of the “Instructions to Vendors Submitting Bids” to establish a contract for both standard state procurements and state federal funds procurements.

County Level: In the second solicitation, bid responses will be evaluated with applicable preferences identified in Sections 15, 15A, and 16 of the “Instructions to Vendors Submitting Bids” omitted to establish a contract for County/Local federal funds procurement.

Award: If the two evaluations result in the same vendor being identified as the winning bidder, the two solicitations will be combined into a single contract award. If the evaluations result in a different bidder being identified as the winning bidder, multiple contracts may be awarded. The State reserves the right to award to multiple different entities should it be required to satisfy standard state procurement, state federal funds procurement, and county/local federal funds procurement requirements.

State Government Use Caution: State agencies planning to utilize this contract for procurements subject to the above identified federal regulations should first consult with the federal agency providing the applicable funding to ensure the contract is compliant.

County/Local Government Use Caution: County and Local government entities planning to utilize this contract for procurements subject to the above identified federal regulation should first consult with the federal agency providing the applicable funding to ensure the contract is compliant. For purposes of County/Local government use, the solicitation resulting in this contract was conducted in accordance with the procurement laws, rules, and procedures governing the West Virginia Department of Administration, Purchasing Division, except that vendor preference has been omitted for County/Local use purposes and the contract terms contained in the document entitled “REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317)” have been added.

FEDERAL FUNDS ADDENDUM

REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317):

The State of West Virginia Department of Administration, Purchasing Division, and the Vendor awarded this Contract intend that this Contract be compliant with the requirements of the Procurement Standards contained in the Uniform Administrative Requirements, Cost Principles, and Audit Requirements found in 2 C.F.R. § 200.317, et seq. for procurements conducted by a Non-Federal Entity. Accordingly, the Parties agree that the following provisions are included in the Contract.

1. MINORITY BUSINESSES, WOMEN'S BUSINESS ENTERPRISES, AND LABOR SURPLUS AREA FIRMS:

(2 C.F.R. § 200.321)

- a. The State confirms that it has taken all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible. Those affirmative steps include:
 - (1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
 - (2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
 - (3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
 - (4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
 - (5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce; and
 - (6) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (1) through (5) above.
- b. Vendor confirms that if it utilizes subcontractors, it will take the same affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

2. DOMESTIC PREFERENCES:

(2 C.F.R. § 200.322)

- a. The State confirms that as appropriate and to the extent consistent with law, it has, to the greatest extent practicable under a Federal award, provided a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United

States (including but not limited to iron, aluminum, steel, cement, and other manufactured products).

b. Vendor confirms that will include the requirements of this Section 2. Domestic Preference in all subawards including all contracts and purchase orders for work or products under this award.

c. Definitions: For purposes of this section:

(1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

(2) "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

3. BREACH OF CONTRACT REMEDIES AND PENALTIES:

(2 C.F.R. § 200.327 and Appendix II)

(a) The provisions of West Virginia Code of State Rules § 148-1-5 provide for breach of contract remedies, and penalties. A copy of that rule is attached hereto as Exhibit A and expressly incorporated herein by reference.

4. TERMINATION FOR CAUSE AND CONVENIENCE:

(2 C.F.R. § 200.327 and Appendix II)

(a) The provisions of West Virginia Code of State Rules § 148-1-5 govern Contract termination. A copy of that rule is attached hereto as Exhibit A and expressly incorporated herein by reference.

5. EQUAL EMPLOYMENT OPPORTUNITY:

(2 C.F.R. § 200.327 and Appendix II)

Except as otherwise provided under 41 CFR Part 60, and if this contract meets the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3, this contract includes the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

6. DAVIS-BACON WAGE RATES:
(2 C.F.R. § 200.327 and Appendix II)

Vendor agrees that if this Contract includes construction, all construction work in excess of \$2,000 will be completed and paid for in compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must:

- (a) pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor.
- (b) pay wages not less than once a week.

A copy of the current prevailing wage determination issued by the Department of Labor is attached hereto as Exhibit B. The decision to award a contract or subcontract is conditioned upon the acceptance of the wage determination. The State will report all suspected or reported violations to the Federal awarding agency.

7. ANTI-KICKBACK ACT:
(2 C.F.R. § 200.327 and Appendix II)

Vendor agrees that it will comply with the Copeland Anti-KickBack Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). Accordingly, Vendor, Subcontractors, and anyone performing under this contract are prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The State must report all suspected or reported violations to the Federal awarding agency.

8. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT
(2 C.F.R. § 200.327 and Appendix II)

Where applicable, and only for contracts awarded by the State in excess of \$100,000 that involve the employment of mechanics or laborers, Vendor agrees to comply with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, Vendor is required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

9. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT.
(2 C.F.R. § 200.327 and Appendix II)

If the Federal award meets the definition of “funding agreement” under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.

10. CLEAN AIR ACT
(2 C.F.R. § 200.327 and Appendix II)

Vendor agrees that if this contract exceeds \$150,000, Vendor is to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401–7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251–1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

11. DEBARMENT AND SUSPENSION
(2 C.F.R. § 200.327 and Appendix II)

The State will not award to any vendor that is listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

12. BYRD ANTI-LOBBYING AMENDMENT
(2 C.F.R. § 200.327 and Appendix II)

Vendors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

13. PROCUREMENT OF RECOVERED MATERIALS

(2 C.F.R. § 200.327 and Appendix II; 2 C.F.R. § 200.323)

Vendor agrees that it and the State must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

14. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT.

(2 C.F.R. § 200.327 and Appendix II; 2 CFR § 200.216)

Vendor and State agree that both are prohibited from obligating or expending funds under this Contract to:

- (1) Procure or obtain;
- (2) Extend or renew a contract to procure or obtain; or
- (3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115–232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
 - (i) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
 - (ii) Telecommunications or video surveillance services provided by such entities or using such equipment.
 - (iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

In implementing the prohibition under Public Law 115-232, section 889, subsection (f), paragraph (1), heads of executive agencies administering loan, grant, or subsidy programs shall prioritize available funding and technical support to assist affected businesses, institutions and organizations as is reasonably necessary for those affected entities to transition from covered communications equipment and services, to procure replacement equipment and services, and to ensure that communications service to users and customers is sustained.

State of West Virginia
Purchasing Division

By: _____

Printed Name: Mark Atkins

Title: Buyer Supervisor

Date: _____

Vendor Name:

Pugh Lubricants dba Apollo Oil

By: [Signature]

Printed Name: Joe Payne

Title: Territory Business Manager

Date: 11/17/25

EXHIBIT A To:
REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY
CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317):

W. Va. CSR § 148-1-5

West Virginia Code of State Rules
Title 148. Department of Administration
Legislative Rule (Ser. 1)
Series 1. Purchasing

W. Va. Code St. R. § 148-1-5
§ 148-1-5. Remedies.
Currentness

5.1. The Director may require that the spending unit attempt to resolve any issues that it may have with the vendor prior to pursuing a remedy contained herein. The spending unit must document any resolution efforts and provide copies of those documents to the Purchasing Division.

5.2. Contract Cancellation.

5.2.1. Cancellation. The Director may cancel a purchase or contract immediately under any one of the following conditions including, but not limited to:

5.2.1.a. The vendor agrees to the cancellation;

5.2.1.b. The vendor has obtained the contract by fraud, collusion, conspiracy, or is in conflict with any statutory or constitutional provision of the State of West Virginia;

5.2.1.c. Failure to honor any contractual term or condition or to honor standard commercial practices;

5.2.1.d. The existence of an organizational conflict of interest is identified;

5.2.1.e. Funds are not appropriated or an appropriation is discontinued by the legislature for the acquisition;

5.2.1.f. Violation of any federal, state, or local law, regulation, or ordinance, and

5.2.1.g. The contract was awarded in error.

5.2.2. The Director may cancel a purchase or contract for any reason or no reason, upon providing

the vendor with 30 days' notice of the cancellation.

5.2.3. Opportunity to Cure. In the event that a vendor fails to honor any contractual term or condition, or violates any provision of federal, state, or local law, regulation, or ordinance, the Director may request that the vendor remedy the contract breach or legal violation within a time frame the Director determines to be appropriate. If the vendor fails to remedy the contract breach or legal violation or the Director determines, at his or her sole discretion, that such a request is unlikely to yield a satisfactory result, then he or she may cancel immediately without providing the vendor an opportunity to perform a remedy.

5.2.4. Re-Award. The Director may award the cancelled contract to the next lowest responsible bidder (or next highest scoring bidder if best value procurement) without a subsequent solicitation if the following conditions are met:

5.2.4.a. The next lowest responsible bidder (or next highest scoring bidder if best value procurement) is able to perform at the price contained in its original bid submission, and

5.2.4.b. The contract is an open-end contract, a one-time purchase contract, or a contract for work which has not yet commenced.

Award to the next lowest responsible bidder (or next highest scoring bidder if best value procurement) will not be an option if the vendor's failure has in any way increased or significantly changed the scope of the original contract. The vendor failing to honor contractual and legal obligations is responsible for any increase in cost the state incurs as a result of the re-award.

5.3. Non-Responsible. If the Director believes that a vendor may be non-responsible, the Director may request that a vendor or spending unit provide evidence that the vendor either does or does not have the capability to fully perform the contract requirements, and the integrity and reliability necessary to assure good faith performance. If the Director determines that the vendor is non-responsible, the Director shall reject that vendor's bid and shall not award the contract to that vendor. A determination of non-responsibility must be evaluated on a case-by-case basis and can only be made after the vendor in question has submitted a bid. A determination of non-responsibility will only extend to the contract for which the vendor has submitted a bid and does not operate as a bar against submitting future bids.

5.4. Suspension.

5.4.1. The Director may suspend, for a period not to exceed 1 year, the right of a vendor to bid on

procurements issued by the Purchasing Division or any state spending unit under its authority if:

5.4.1.a. The vendor has submitted a bid and then requested that its bid be withdrawn after bids have been publicly opened.

5.4.1.b. The vendor has exhibited poor performance in fulfilling his or her contractual obligations to the State. Poor performance includes, but is not limited to any of the following: violations of law, regulation, or ordinance; failure to deliver timely; failure to deliver quantities ordered; poor performance reports; or failure to deliver commodities, services, or printing at the quality level required by the contract.

5.4.1.c. The vendor has breached a contract issued by the Purchasing Division or any state spending unit under its authority and refuses to remedy that breach.

5.4.1.d. The vendor's actions have given rise to one or more of the grounds for debarment listed in W. Va. Code § 5A-3-33d.

5.4.2. Vendor suspension for the reasons listed in section 5.4 above shall occur as follows:

5.4.2.a. Upon a determination by the Director that a suspension is warranted, the Director will serve a notice of suspension to the vendor.

5.4.2.b. A notice of suspension must inform the vendor:

5.4.2.b.1. Of the grounds for the suspension;

5.4.2.b.2. Of the duration of the suspension;

5.4.2.b.3. Of the right to request a hearing contesting the suspension;

5.4.2.b.4. That a request for a hearing must be served on the Director no later than 5 working days of the vendor's receipt of the notice of suspension;

5.4.2.b.5. That the vendor's failure to request a hearing no later than 5 working days of

the receipt of the notice of suspension will be deemed a waiver of the right to a hearing and result in the automatic enforcement of the suspension without further notice or an opportunity to respond; and

5.4.2.b.6. That a request for a hearing must include an explanation of why the vendor believes the Director's asserted grounds for suspension do not apply and why the vendor should not be suspended.

5.4.2.c. A vendor's failure to serve a request for hearing on the Director no later than 5 working days of the vendor's receipt of the notice of suspension will be deemed a waiver of the right to a hearing and may result in the automatic enforcement of the suspension without further notice or an opportunity to respond.

5.4.2.d. A vendor who files a timely request for hearing but nevertheless fails to provide an explanation of why the asserted grounds for suspension are inapplicable or should not result in a suspension, may result in a denial of the vendor's hearing request.

5.4.2.e. Within 5 working days of receiving the vendor's request for a hearing, the Director will serve on the vendor a notice of hearing that includes the date, time and place of the hearing.

5.4.2.f. The hearing will be recorded and an official record prepared. Within 10 working days of the conclusion of the hearing, the Director will issue and serve on the vendor, a written decision either confirming or reversing the suspension.

5.4.3. A vendor may appeal a decision of the Director to the Secretary of the Department of Administration. The appeal must be in writing and served on the Secretary no later than 5 working days of receipt of the Director's decision.

5.4.4. The Secretary, or his or her designee, will schedule an appeal hearing and serve on the vendor, a notice of hearing that includes the date, time and place of the hearing. The appeal hearing will be recorded and an official record prepared. Within 10 working days of the conclusion of the appeal hearing, the Secretary will issue and serve on the vendor a written decision either confirming or reversing the suspension.

5.4.5. Any notice or service related to suspension actions or proceedings must be provided by certified mail, return receipt requested.

5.5. Vendor Debarment. The Director may debar a vendor on the basis of one or more of the grounds for debarment contained in W. Va. Code § 5A-3-33d or if the vendor has been declared ineligible to participate in procurement related activities under federal laws and regulation.

5.5.1. Debarment proceedings shall be conducted in accordance with W. Va. Code § 5A-3-33e and these rules. A vendor that has received notice of the proposed debarment by certified mail, return receipt requested, must respond to the proposed debarment within 30 working days after receipt of notice or the debarment will be instituted without further notice. A vendor is deemed to have received notice, notwithstanding the vendor's failure to accept the certified mail, if the letter is addressed to the vendor at its last known address. After considering the matter and reaching a decision, the Director shall notify the vendor of his or her decision by certified mail, return receipt requested.

5.5.2. Any vendor, other than a vendor prohibited from participating in federal procurement, undergoing debarment proceedings is permitted to continue participating in the state's procurement process until a final debarment decision has been reached. Any contract that a debarred vendor obtains prior to a final debarment decision shall remain in effect for the current term, but may not be extended or renewed. Notwithstanding the foregoing, the Director may cancel a contract held by a debarred vendor if the Director determines, in his or her sole discretion, that doing so is in the best interest of the State. A vendor prohibited from participating in federal procurement will not be permitted to participate in the state's procurement process during debarment proceedings.

5.5.3. If the Director's final debarment decision is that debarment is warranted and notice of the final debarment decision is mailed, the Purchasing Division shall reject any bid submitted by the debarred vendor, including any bid submitted prior to the final debarment decision if that bid has not yet been accepted and a contract consummated.

5.5.4. Pursuant to W.Va. Code § 5A-3-33e(e), the length of the debarment period will be specified in the debarment decision and will be for a period of time that the Director finds necessary and proper to protect the public from an irresponsible vendor.

5.5.5. List of Debarred Vendors. The Director shall maintain and publicly post a list of debarred vendors on the Purchasing Division's website.

5.5.6. Related Party Debarment. The Director may pursue debarment of a related party at the same time that debarment of the original vendor is proceeding or at any time thereafter that the Director determines a related party debarment is warranted. Any entity that fails to provide the Director with full, complete, and accurate information requested by the Director to determine related party

status will be presumed to be a related party subject to debarment.

5.6. Damages.

5.6.1. A vendor who fails to perform as required under a contract shall be liable for actual damages and costs incurred by the state.

5.6.2. If any commodities delivered under a contract have been used or consumed by a spending unit and on testing the commodities are found not to comply with specifications, no payment may be approved by the Spending Unit for the merchandise until the amount of actual damages incurred has been determined.

5.6.3. The Spending Unit shall seek to collect damages by following the procedures established by the Office of the Attorney General for the collection of delinquent obligations.

Credits

History: Filed 4-1-19, eff. 4-1-19; Filed 4-16-21, eff. 5-1-21.

Current through register dated May 7, 2021. Some sections may be more current. See credits for details.

W. Va. C.S.R. § 148-1-5, WV ADC § 148-1-5

End of Document

© 2021 Thomson Reuters. No claim to original U.S.
Government Works.

**EXHIBIT B To:
REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY
CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317):**

Prevailing Wage Determination

☒ [X] – Not Applicable Because Contract Not for Construction

☐ [] – Federal Prevailing Wage Determination on Next Page



ITASCA OUTDOORS 2-Cycle Engine Oil

Itasca Outdoors 2-Cycle Engine Oil is specifically formulated for 2-cycle engines such as motorbikes, scooters, lawnmowers, pumps, garden tractors, chain saws and string trimmers.

Benefits

- Recommended for applications calling for API TC and JASO FB
- Low Ash content
- Contains anti-scuffing compounds for extra protection
- Mixes readily with gasoline
- Dyed for easy identification
- Provides rust and corrosion protection

Follow manufacturer's recommended mix: For 16-to-1 proportions mix 8 oz. with one gallon of gasoline. For 32-to-1 proportions mix 8 oz. with two gallons of gasoline. For 50-to-1 proportions mix 8 oz. with three gallons of gasoline. To mix, partially fill clean can with gasoline and add correct amount of Itasca Outdoor 2-Cycle Engine Oil. Shake well, then add remainder of gasoline to achieve proper proportions.

Typical Characteristics

Gravity, API	26.8
Pound per gallon	7.44
Viscosity (typical)	
@40 Deg. C, cSt	67.5
@100 Deg. C, cSt	8.3
Viscosity Index	90
Pour Point Deg. F	-20
Appearance	Green



Warren Oil Company, LLC

*Dunn, NC 28334: Benton, AL 36758: San Antonio, TX 78210:
Marion, IL 62959: Johnstown, PA 15909: West Memphis, AR 7230*



Safety Data Sheet

Issue Date: 20-Oct-2012

Revision Date: 6-May-2016

Version 1

1. IDENTIFICATION

Product Identifier

Product Name ITASCA Outdoors 2-Cycle Engine Oil

Other means of identification

SDS # IT-004

Synonyms

Recommended use of the chemical and restrictions on use

Recommended Use Engine Oil

Details of the supplier of the safety data sheet

Supplier Address

Warren Oil Company, LLC
915 E. Jefferson Ave.
West Memphis, AR 72301

Emergency Telephone Number

Company Phone Number 1-870-400-3020
Emergency Telephone (24 hr) CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Physical state: Liquid

Classification

Germ cell mutagenicity	Category 1B
Aspiration toxicity	Category 1

Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

Signal word:

Danger

Hazard statements

May cause genetic defects
May be fatal if swallowed and enters airways



Precautionary Statements – Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required

Precautionary statements – Response

If exposed or concerned: Get medical advice/attention
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do not induce vomiting

Precautionary Statements – Storage

Store locked up

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	40-50
Residual oils (petroleum), solvent dewaxed	64742-62-7	30-40
Heavy aliphatic solvent naphtha	64742-48-9	10-20

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of decomposition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes.
Inhalation	Remove to fresh air.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.

Most important symptoms and effects

Symptoms	May be fatal if swallowed and enters airways. May cause skin irritation.
-----------------	--

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically
---------------------------	-----------------------

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-up Keep suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye Protection Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Not determined	Odor	Not determined
Color	Not determined	Odor Threshold	Not determined
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	Not determined		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Flammability Limits in Air			
Upper Flammability Limits	Not determined		
Lower Flammability Limits	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Relative Density	Not determined		
Water Solubility	Not determined		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	May cause skin irritation.
Inhalation	Do not inhale.
Ingestion	Do not ingest.

Component Information

Chemical Name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	> 15 g/kg (Rat)		
Residual oils (petroleum), solvent dewaxed 64742-62-7	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
Heavy aliphatic solvent naphtha 64742-48-9	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	

Information on physical, chemical and toxicological effects

Symptoms	Please see Section 4 of this SDS for symptoms.
-----------------	--

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	The component below belongs to the petroleum family, which has been shown to contain carcinogenic substances depending on the level of refinement. The carcinogen classification need not apply if it can be shown that the substance contains less than 3% dimethyl sulfoxide extract.
------------------------	---

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	A2	Group 1		X
Residual oils (petroleum), solvent dewaxed 64742-62-7	A2	Group 1		X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 – Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 – Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Aspiration hazard	May be fatal if swallowed and enters airways.
--------------------------	---

Numerical measures of toxicity

The following values are calculated based on Section 3 of the GHS document

ATEmix (oral)	7,389.00 mg/kg
ATEmix (dermal)	4,241.00 mg/kg

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Petroleum distillates, hydrotreated heavy paraffinic 54742-54-7		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Residual oils (petroleum), solvent Dewaxed 64742-62-7		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 Daphnia magna mg/L EC50
Heavy aliphatic solvent naphtha 64742-48-9		2200: 96 h Pimephales promelas mg/L LC50	2.6: 96 h Chaetogammarus marinus mg/L LC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

Other Adverse Effects

Not determined.

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum distillates, Hydrotreated heavy paraffinic	X	X	X		X	Present	X	X
Residual oils (petroleum), solvent dewaxed	X	X	X		X	Present	X	X
Heavy aliphatic solvent naphtha	X	X	X		X	Present	X	X

Legend:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL – Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS – Japan Existing and New Chemical Substances
IECSC – China Inventory of Existing Chemical Substances
KECL – Korean Existing and Evaluated Chemical Substances
PICCS – Philippines Inventory of Chemicals and Chemical Substances
AICS – Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA)(40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA)(40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Clean Water Act (CWA)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations.

16. OTHER INFORMATION**NFPA****Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical hazards

Not determined

Personal Protection

Not determined

Issue Date:

20-Oct-2012

Revision Date:

6-May-2016

Revision Note:

Change in chemicals

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

MAG 1® MARINE TC-W3 2-CYCLE

MOTORCYCLES, SCOOTERS, MARINE AND POWERSPORTS 2-CYCLE, SMALL ENGINE, MOTORCYCLE AND MARINE PRODUCTS



MAG 1® TC-W3 2-Cycle Oil is a premium, high-quality motor oil formulated for use in outboard motors, motorcycles, snowmobiles, chain saws, garden equipment, and other fuel-lubricated or oil-injected 2-cycle engines. Formulated to prevent ring sticking, reduce spark plug fouling, keep engine clean, prevent scuffing and work with injector and fuel-lubricated engines.

- Follow engine manufacturers' recommendations to determine correct oil/fuel ratio. Add oil to fuel, mix thoroughly.
- Meets API TC and JASO FB specifications.
- Licensed by NMMA.

PROTECTION FOR TODAY'S 2-CYCLE ENGINES

Small engines have evolved dramatically, requiring highly specialized fluids for unique applications. One brand has evolved right alongside – MAG 1®. Only the most advanced oil meets the difficult challenges of effectively balancing performance, strength and durability.

Featuring FMX® Technology™ is designed to provide unsurpassed protection.

PERFORMANCE

- Delivers superior anti-friction performance for your outboard engines.

STRENGTH

- Provides a strong oil film to prevent metal-to-metal contact between rotating parts to prevent wear.

DURABILITY

- Resists thickening due to high operating temperatures.

INDUSTRY/OEM SPECIFICATIONS

NMMA TCW-3	Approved
JASO FB, API TC	Meets Requirements
Mercury, Johnson, Yamaha, Evinrude, Force, Mariner, Suzuki, Nissan	Meets requirements where TCW-3 oils are required

TYPICAL PROPERTIES

Color	ASTM D1500	Blue
Gravity, °API	ASTM D287	32.20

Nitrogen, wt. %	ASTM D4629	0.47
Pour Point °C (°F)	ASTM D5950	-47°C (-53°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8644
Sulfated Ash, wt. %	ASTM D874	<0.001
Sulfur, wt. %	ASTM D4951	0.07
TBN, mgKOH/g	ASTM D2896	5
Total Acid Number, mgKOH/g	ASTM D664	0.9
Total Metals (Ca, Mg, Zn), wt. %		0.0000
Viscosity @ 100°C cSt	ASTM D445	6.15
Viscosity @ 40°C cSt	ASTM D445	30.07
Viscosity Index	ASTM D2270	159

CONTAINER/BULK AVAILABILITY

12/16oz	Product Number - 60140
6/1 Quart	Product Number - 00609
3/1 Gallon	Product Number - 60136
55 Gallon Drum	Product Number - 00614

Available in Bulk

Information accurate as of November 11, 2025

The CAM2 logo is located in the top right corner of the header. It features the letters "CAM2" in a bold, italicized, sans-serif font. The letters are white with a thick black outline, giving them a three-dimensional appearance. The background of the header is a dark, wavy band with a checkered pattern on the left side.

PRODUCT BULLETIN

SuperHD 30

API CF-2/SL

PRODUCT #312

CAM2 SuperHD 30 Motor Oil is an API licensed, premium quality, heavy-duty engine oil. **CAM2 SuperHD 30 Motor Oil** is formulated from premium quality base stocks and advanced additive technology, providing the highest levels of equipment protection available. **CAM2 SuperHD Motor Oils** meet the Caterpillar ECF-1 specification.

CAM2 SuperHD Motor Oils are available in 5 viscosity grades to comply with virtually all equipment applications. Equipment manufacturers' recommendations and conventional guides to lubricant selection should be followed to determine the best **CAM2 SuperHD Motor Oil** grade for a specific application.

FEATURES

CAM2 SuperHD Motor Oils provide:

- Excellent protection from deposits at all operating temperatures
- Excellent bearing corrosion protection (EGR critical)
- Excellent anti-wear properties
- Excellent anti-foam properties
- Excellent anti-rust properties
- Excellent soot control
- Extended drain capable

APPLICATIONS

CAM2 SuperHD Motor Oils may be recommended for the following uses (see applications chart on page 2):

- When CI-4, CH-4, CG-4, CF-4, CF, CF-2, CE, CD-II oils are required
- When SL, SJ, SH, SG, SF, SE, SD or SC oils are required
- When a U.S. Military CID A-A-52306 performance level is required
- When MIL-Prf-2 1 04G oils performance level is required
- When former MIL-L-46 1 52D oils performance level is required
- When GM 471 8M/6094M and Ford M2C 1 53-E oils are required

Applications continued on pg 2.



CAM2 INTERNATIONAL, LLC

211 Violet Street Suite 100 • Golden, CO 80401

Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com



PRODUCT BULLETIN

SuperHD 30

API CF-2/SL

PRODUCT #312

APPLICATIONS (continued)

- In truck diesel engines, including turbo-charged models
- In Detroit Diesel 7SE 270, series 51, 71 and 92 engines
- Detroit Diesel Closed Crankcase Application TSB 01 -TS-07
- In Caterpillar ECF- 1, Navistar and Volvo engines
- In Mack engines (EO-N, EO-M Plus, EO-M, EO-L Plus, EO-L)
- In Cummins engines CES 20071, 20076, 20078
- In gasoline engines
- In Caterpillar drive trains (TO-2)
- When Allison C-3/C-4 fluids are required
- In Fuller, Eaton and Spicer transmissions (SAE 50 preferred)

ALLISON	C4, C3
CATERPILLAR	ECF-1, S-3, TO-2, 1K, 1N, 1R
CHRYSLER	MS63 95G
CUMMINS	CES 20071, CES 20076, CES 20077, CES 20078
DETROIT DIESEL	2 and 4 Cycle 6V92TA
FORD	M2C153G
GM	6094 M, 6.2 Liter
JOHN DEERE	4-Cycle Diesel & Gasoline Engines
KOMATSU	Diesel Engines
MACK	EO-N, EO-M PLUS, EO-M, EO-L PLUS, EO-L
NAVISTAR	Naturally aspirated, Turbo charged
MERCEDES	MTU
VOLVO	VDS-2, VDS

TECHNICAL DATA

SAE GRADE	15W-40	SAE 10W	SAE 30	SAE 40	SAE 50
Product Code	317	315	312	313	314
Borderline Pumping Temp, °C	-20	-25	-	-	-
Viscosity @ 100°C, cSt	15.5	7	11.5	15.5	20.5
Viscosity, SUS @ 210°F	81.6	49.7	66	82	103.4
Viscosity Index	135	120	110	105	100
API Gravity	30	30.5	30	28.5	27
Pour Point: °C	-30	-36	-24	-15	-15
Pour Point: °F	-22	-33	-11	5	5
Total Base No.					
D2896	11	8	8	8	8
D4739	10				
API Licensed Service:	CH-4, CH-4, CG-4, CF-4, CF-2, CE, SL, SL, SJ	CF, CD, SL	CF, CF-2, CD-II, SL, SJ, SH	CF, CF-2, CD-II, SL, SJ	CF, CF-2, CD-II, SL, SJ, SH

Contact your CAM2 representative or CAM2 distributor for additional information.

CAM2 INTERNATIONAL, LLC

211 Violet Street Suite 100 • Golden, CO 80401

Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com



PRODUCT BULLETIN

CAM2 Synthetic Blend Super HD CK-4

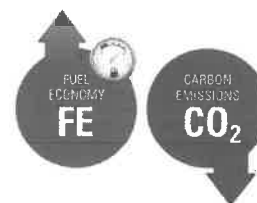
PRODUCT # 262, 320

CAM2 Synthetic Blend HD CK-4/SN combines premium base stocks with next-generation additive technology to produce our most fuel efficient cleanest burning, **low-ash** heavy duty engine oil to date¹. It meets or exceeds nearly all the next generation OEM specifications including those from Ford, Cummins, Detroit Diesel, Mack, Volvo, Renault, Mercedes, MAN and Deutz.

Super HD CK-4/SN Synthetic Blend motor oils protect engines with Emission Controls, EGR engines, as well as older engines. It is even recommended by leading heavy equipment manufacturers such as John Deere, Kubota, Massey Ferguson, JI Case, Allis Chalmers, and International Harvester.

This ground breaking **low-ash technology** provides improved wear protection, deposit and soot control, and improves oil consumption by neutralizing combustion by-products that cause harmful deposits¹. Super HD CK-4/SN is an extended drain capable engine oil that prevents viscosity loss from shearing and reduces friction leading to longer engine life and improved fuel economy¹.

Its high film strength makes **Super HD CK-4** fluids suitable for both on and off-road driving conditions. It can be recommended for new engines requiring CK-4 fluid and is backward compatible with API CK-4, CJ-4, CI-4 PLUS, CI-4, and CH oils.



Features

- **Low-ash formulation extends catalyst life**
- **2x better corrosion control than the new API standards**
- **Protects cylinders up to 80x more than Daimler standards²**
- **Improved protection from thermal and oxidative breakdown**
- **Excellent anti-wear, anti-foam, and anti-rust properties**
- **Up to 63% better soot control than previous CJ-4 formulations**
- **Protects piston rings up to 2.5x better than its CJ-4 predecessor**
- **Extremely shear stable preventing viscosity loss**
- **Compatible with both diesel and gasoline engines**
- **Improved TBN retention over previous diesel engine oils**

Applications

CAM2 Synthetic Blend Super HD CK-4/SN meets or exceeds the following OEM specifications:

API CK-4, CJ-4, CI-4+, CI-4, CH-4

API SN(15W-40*)

ACEA E9-16

CUMMINS CES20086³, 81

CAT ECF-3, ECF-2

DETROIT DIESEL DFS93K222³, 218

FORD POWERSTROKE (WSS-M2C171-F1)

JOHN DEERE Tier IV Engines

MACK EOS-4.5

VOLVO VDS-4.5

ALLISON TES-439

RENAULT RLD-4

MB 228.31

MAN 3275 / 3575

MTU 2.1

DEUTZ DQC III-10 LA

GLOBAL DHD-1

JASO DH-2

¹ Relative performance based on results from the Cummins ISM engine test run with SAE 10W-30, low HTHS.

² Relative performance based on results from the OM504LA engine test run with SAE 10W-30, low HTHS.

³ Approval obtained



TYPICAL CHARACTERISTICS

Product Code	262	320
SAE Grade	10W- 30	15W- 40
Viscosity @ 40°C, cSt	81.6	118
Viscosity @ 100°C, cSt	11.85	15.4
Viscosity Index	139	140
Sulfated Ash, m%	1.0	1.0
Pour Point, °C	-42	-38
HTHS @ 150°C	3.4	4.0
Flash Point, °C (COC)	220	229
Total Base Number, mg KOH/g	9.7	9.7
Phosphorous, m%	0.113	0.113

The above characteristics are typical of current production. While production will conform to CAM2's specification, slight variations may occur and do not affect performance.

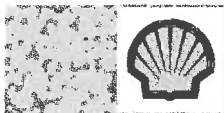
For more information, contact your CAM2 Representative or visit our website @ www.CAM2.com

Special handling, notices or warnings

Avoid contact with eyes

Avoid prolonged or repeated contact with skin

DO NOT INDUCE VOMITING



Technical Data Sheet

- Low Emissions

Shell T2 HD 15W-40

Synthetic Blend Technology Heavy Duty Diesel Engine Oil

Shell T2 HD oil has been formulated to provide reliable protection and uses "Low-SAPS" additive technology to protect in modern, low-emission engines.

Performance, Features & Benefits

Shell HD T2 engine oil has been designed to meet the API CK-4 specification and provide:

- Performance in both on-highway and off-highway equipment.
- Backwards compatibility for older equipment requiring API CJ-4, CI-4 Plus, CI-4 or CH-4 diesel engine oil.
- The low ash formulation helps protect the exhaust catalysts and particulate filters found on the latest low emission vehicles.
- **Delivers performance required for API CK-4 specification**
Shell T2 HD has been formulated to meet the most recent API CK-4 specification. This specification requires proven performance in key tests around oxidation control, aeration control, and shear stability.

Main Applications



Suitable for use in all on or off highway engines requiring an API CK-4, CJ-4, CI-4 Plus, CI-4 or CH-4 diesel oil in this viscosity grade.

Specifications, Approvals & Recommendations

- API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
- ACEA E9, E11
- Caterpillar ECF-3, ECF-2
- Cummins CES 20086, 81
- Detroit Fluids Specification (DFS) 93K222, 93K218
- Mack EOS-4.5, EO-O Premium Plus
- Volvo VDS-4.5

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell T2 HD 15W-40
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	115.6
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	15.3
Dynamic Viscosity	@-20°C	mPa s	ASTM D5293	6 200
Viscosity Index			ASTM D2270	138
Total Base Number		mgKOH/g	ASTM D2896	10
Density	@15°C	kg/l	ASTM D4052	0.875
Flash Point (COC)		°C	ASTM D92	237
Pour Point		°C	ASTM D97	-36

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

Shell HD T2 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <https://www.epc.shell.com>

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.



SHELL ROTELLA® T5 ULTRA 10W-30

ALL THE HARD WORK YOU EXPECT, ONLY BETTER

The next generation of heavy duty diesel engine oils is here. Engine manufacturers sought a new diesel engine oil that would provide improved fuel economy over existing oils. The API FA-4 performance standard requires the oil to be blended to a thinner viscosity, which helps improve fuel economy and lower emissions*. Shell ROTELLA® T5 Ultra 10W-30 meets and exceeds the new performance standard without sacrificing engine protection.

* Compared to CK-4 heavy duty engine oils

Main Applications

Shell ROTELLA® T5 Ultra 10W-30 is suitable for use in 2017 as well as some late model engines **allowing** an API FA-4 diesel oil in this viscosity. Some engine manufacturers do not yet approve the use of API FA-4 engine oils, while some allow limited backwards compatibility to earlier model year engines. Check with your original equipment manufacturer regarding the use of API FA-4 diesel oil.

About Triple Protection Plus™

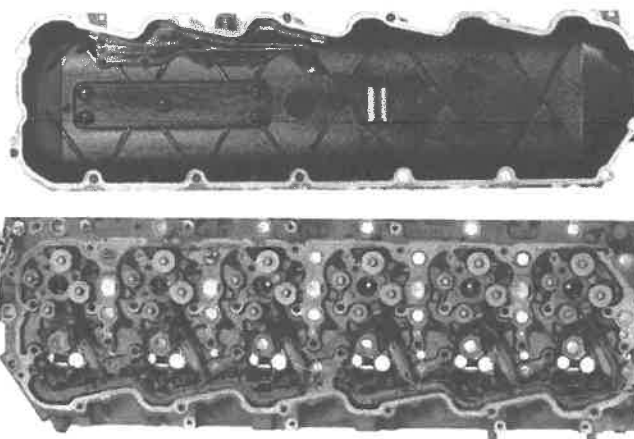
Hardworking diesel engines need a heavy-duty oil that works just as hard. Shell ROTELLA® T5 Ultra 10W-30 with Triple Protection Plus™ technology is designed to provide modern diesel engines with hardworking protection that adapts to virtually any driving condition. Triple Protection Plus™ is the unique combination of Triple Protection® - advanced additive technology and synthetic base oils. Triple Protection Plus™ represents protection against wear, deposits, oil breakdown plus better fuel economy performance. This unique combination helps to deliver excellent equipment protection, long engine life and maintain viscosity control under high temperatures.



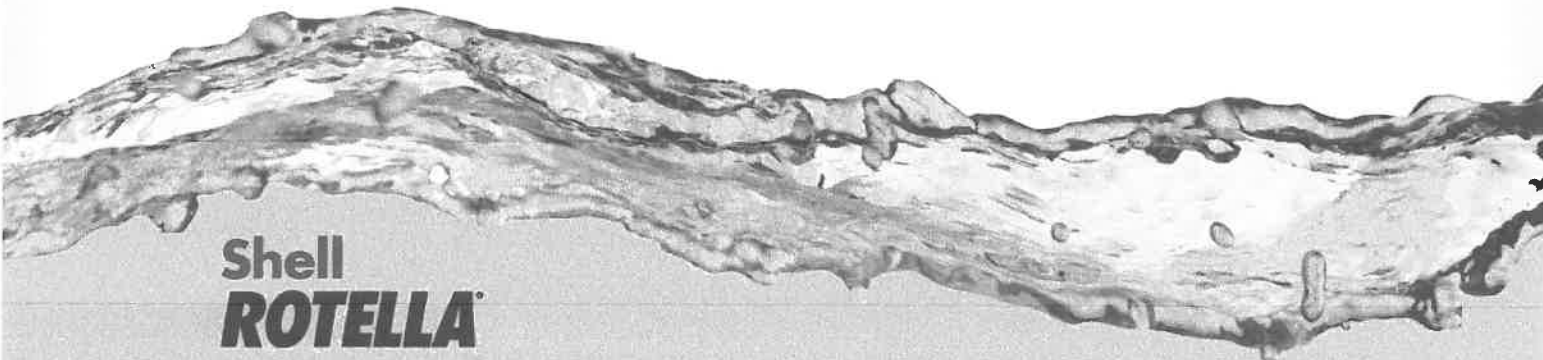
Delivers savings without compromising protection

Shell ROTELLA® T5 Ultra 10W-30 with Triple Protection Plus™ provides enhanced fuel savings compared to a conventional SAE 15W-40 oil. It can help you save on fuel but without sacrificing wear protection. Wear protection is critical to prolonging engine life and Shell ROTELLA® T5 Ultra 10W-30 delivers an average result across all the API FA-4 and OEM tests that is 32.5% of the respective limit. So customers can expect excellent wear protection while saving on fuel.

Shell Lubricants goes beyond the lab to test products in the field where they will actually be used by our customers. Field trials further demonstrated the excellent deposit control seen in the lab.



These pictures are from a Cummins ISX engine with 460,913 miles running Shell ROTELLA® T5 Ultra 10W-30. The valve deck received a rating of 9.72 and the Rocker Cover a rating of 9.74 with 10 being clean.



Shell ROTELLA®

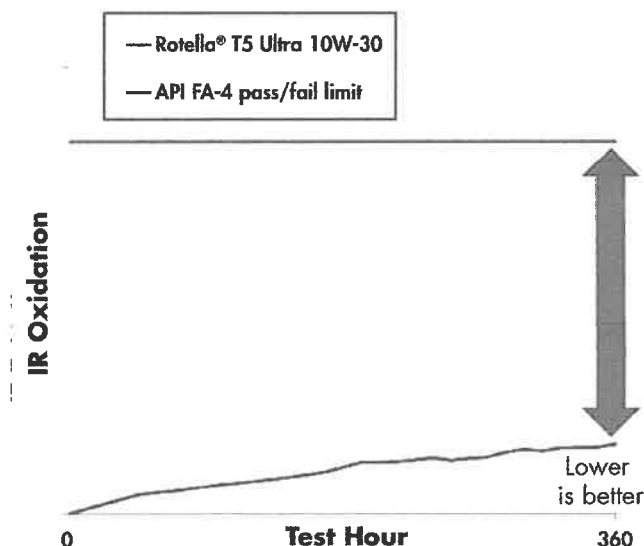
The Engine Oil That Works As Hard As You.™

ADDITIONAL SHELL ROTELLA® T5 ULTRA PERFORMANCE, FEATURES AND BENEFITS:

Oxidation Protection

Shell ROTELLA® T5 Ultra 10W-30 performs outstanding in API and OEM oxidation tests: resisting oxidative thickening, delivering results that far exceed the maximum allowable thickening. This demonstrates the ability to control harmful acid buildup which can cause corrosive wear in the engine. In addition, strong oxidation protection means better viscosity control, which helps maintain fuel economy. If the oil is not thickening up, then the fuel economy performance will be better maintained throughout the oil drain. It also helps prevent deposits in the engine and maintain engine cleanliness, which can prolong engine life.

Volvo T13 IR Peak Height



Exceptional oil consumption control

Shell ROTELLA® T5 Ultra 10W-30 with Triple Protection Plus™ has been formulated to minimize and control oil consumption and help reduce the need for oil top off.

Low emissions for 2017 and beyond

Shell's exclusive ROTELLA® T5 Ultra low ash formulation helps protect the exhaust catalysts and particulate filters found on 2017 and beyond on-highway low emission vehicles. It meets the requirements of all of the major U.S. and European engine manufacturers for low emission applications requiring an API FA-4 quality diesel oil.

Our Complementary Range

In addition to a full range of Shell ROTELLA® heavy duty engine oils, Shell Lubricants offers a complete portfolio of lubricants for every part of your equipment, including Shell SPIRAX® gear/axle oils and transmission fluids, Shell GADUS® greases, Shell ROTELLA® ELC Extended Life Coolant/Antifreeze, and Shell HD Antifreeze/Coolant.

For more information, contact your local Shell Lubricants Representative or visit www.rotella.com or www.shell.ca/rotella in Canada

OEM SPECIFICATIONS AND APPROVALS

SAE 10W-30

API FA-4
Cummins CES 20087
Detroit Diesel Fluid Specification (DFS) 93K223

PRODUCT MATERIAL CODE & PACKAGE SIZE

PRODUCT	3 • 1 GALLON JUG/3 • 5 LITRE JUG	55 GALLON DRUM	BULK
US	550046254	550046249	500010121
Canada	550046250	550046249	500010121

The term 'Shell Lubricants' collectively refers to individual Shell Group companies engaged in the lubricants business throughout the world. These are separate and distinct entities. The collective expressions 'Shell' and 'Shell Lubricants' may be used herein for convenience where reference is made in general to those companies or where no useful purpose is served by identifying any particular company or companies.



PRODUCT BULLETIN

SuperHD 10W

API CF/SL

PRODUCT #315

CAM2 SuperHD 10W Motor Oil is an API licensed, premium quality, heavy-duty engine oil. **CAM2 SuperHD 10W Motor Oil** is formulated from premium quality base stocks and advanced additive technology, providing the highest levels of equipment protection available. **CAM2 SuperHD Motor Oils** meet the Caterpillar ECF-1 specification.

CAM2 SuperHD Motor Oils are available in 5 viscosity grades to comply with virtually all equipment applications. Equipment manufacturers' recommendations and conventional guides to lubricant selection should be followed to determine the best **CAM2 SuperHD Motor Oil** grade for a specific application.

FEATURES

CAM2 SuperHD Motor Oils provide:

- Excellent protection from deposits at all operating temperatures
- Excellent bearing corrosion protection (EGR critical)
- Excellent anti-wear properties
- Excellent anti-foam properties
- Excellent anti-rust properties
- Excellent soot control
- Extended drain capable

APPLICATIONS

CAM2 SuperHD Motor Oils may be recommended for the following uses (see applications chart on page 2):

- When CI-4, CH-4, CG-4, CF-4, CF, CF-2, CE, CD-II oils are required
- When SL, SJ, SH, SG, SF, SE, SD or SC oils are required
- When a U.S. Military CID A-A-52306 performance level is required
- When MIL-Prf-2 1 04G oils performance level is required
- When former MIL-L-46 1 52D oils performance level is required
- When GM 471 8M/6094M and Ford M2C 1 53-E oils are required

Applications *continued on pg 2.*



CAM2 INTERNATIONAL, LLC

211 Violet Street Suite 100 • Golden, CO 80401

Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com



PRODUCT BULLETIN

SuperHD 10W

API CF/SL

PRODUCT #315

APPLICATIONS (continued)

- In truck diesel engines, including turbo-charged models
- In Detroit Diesel 7SE 270, series 51, 71 and 92 engines
- Detroit Diesel Closed Crankcase Application TSB 01 -TS-07
- In Caterpillar ECF- 1, Navistar and Volvo engines
- In Mack engines (EO-N, EO-M Plus, EO-M, EO-L Plus, EO-L)
- In Cummins engines CES 20071, 20076, 20078
- In gasoline engines
- In Caterpillar drive trains (TO-2)
- When Allison C-3/C-4 fluids are required
- In Fuller, Eaton and Spicer transmissions (SAE 50 preferred)

ALLISON	C4, C3
CATERPILLAR	ECF-1, S-3, TO-2, 1K, 1N, 1R
CHRYSLER	MS63 95G
CUMMINS	CES 20071, CES 20076, CES 20077, CES 20078
DETROIT DIESEL	2 and 4 Cycle 6V92TA
FORD	M2C153G
GM	6094 M, 6.2 Liter
JOHN DEERE	4-Cycle Diesel & Gasoline Engines
KOMATSU	Diesel Engines
MACK	EO-N, EO-M PLUS, EO-M, EO-L PLUS, EO-L
NAVISTAR	Naturally aspirated, Turbo charged
MERCEDES	MTU
VOLVO	VDS-2, VDS

TECHNICAL DATA

SAE GRADE	15W-40	SAE 10W	SAE 30	SAE 40	SAE 50
Product Code	317	315	312	313	314
Borderline Pumping Temp, °C	-20	-25	-	-	-
Viscosity @ 100°C, cSt	15.5	7	11.5	15.5	20.5
Viscosity, SUS @ 210°F	81.6	49.7	66	82	103.4
Viscosity Index	135	120	110	105	100
API Gravity	30	30.5	30	28.5	27
Pour Point: °C	-30	-36	-24	-15	-15
Pour Point: °F	-22	-33	-11	5	5
Total Base No.					
D2896	11	8	8	8	8
D4739	10				
API Licensed Service:	CH-4, CH-4, CG-4, CF-4, CF-2, CE, SL, SL, SJ	CF, CD, SL	CF, CF-2, CD-II, SL, SJ, SH	CF, CF-2, CD-II, SL, SJ	CF, CF-2, CD-II, SL, SJ, SH

Contact your CAM2 representative or CAM2 distributor for additional information.

CAM2 INTERNATIONAL, LLC

211 Violet Street Suite 100 • Golden, CO 80401

Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com

MAG 1® FULL SYNTHETIC 0W-20 MOTOR OIL

FULL SYNTHETIC MOTOR OIL PASSENGER CAR MOTOR OIL



MAG 1 Full Synthetic 0W-20 Motor Oil is our purest and most advanced formulation for the best fuel mileage performance. It delivers unsurpassed protection and performance, including the following benefits:

- MAG 1 Full Synthetic 0W-20 Motor Oil meet or exceed GM dexos1™ Gen 3 specifications for worldwide warranty requirements for all GM automotive gasoline engines currently in use. The oils are fully licensed by GM.
- Engineered to improve fuel mileage and to maximize horsepower and acceleration.
- Longer and better engine protection than conventional oils due to strong and uniform synthetic base oils and advanced molecules that provide a strong film barrier to control friction, resist wear and keep metal surfaces from coming into contact.
- Created for extreme hot and cold driving conditions: stop and go, frequent short trips, heavy loads and dusty conditions.
- Meets or exceeds dexos1™ Gen 3, API SP and ILSAC GF-6A requirements.

FORMULATED FOR TODAY'S ENGINE DESIGNS

OEMs continue to evolve engine designs that demand more from motor oil. One brand has evolved right alongside – MAG 1®. It provides unsurpassed protection, even in our lightest viscosities. Protects better than the thick oils of the past.

UNSURPASSED PROTECTION, EVEN IN THE LIGHTEST VISCOSITY

MAG 1® with FMX® Technology provides unsurpassed protection in every viscosity. Even our lowest viscosity oils protect better than thick oils of the past. Our advanced oil chemistry actually improves oil properties through time, retaining viscosity, friction and anti-wear benefits, in spite of severe engine temperatures.

FULL SYNTHETIC MOTOR OIL FEATURING **EVOLUTIONARY PERFORMANCE™**

MAG 1® with FMX® Technology – Friction Management for Xtreme protection™ provides these benefits:

PERFORMANCE

Controls friction and wear more than 29% better than the latest API requirements.¹

- Improved fuel economy. Reduces fuel costs without sacrificing engine protection and performance. Also improves acceleration.
- Extended oil drain intervals.
- Engineered to handle the most extreme conditions.
- 100% pure synthetic oils. Contains uniform molecules that provide the best, longest-lasting engine protection and performance.

STRENGTH

Provides a strong oil film to avoid metal-to-metal contact, even under extreme stress.

- Unsurpassed wear protection. Advanced molecules bond together to avoid metal-to-metal contact of rotating engine parts.
- Enhanced friction reduction. MAG 1 oils react to heat to produce a critical friction-reducing barrier that protects metal surfaces.²

DURABILITY

Stands up to the heat and shearing so it extends oil life.

- Stands up to the heat and shearing so it extends oil life.

1 Based on Sequence IV Wear test.

2 To measure friction reduction benefits, engineers used the ball-on-disk traction test.

APPLICATIONS

- Gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles, including gasoline-electric hybrids, especially when operating under severe conditions.
- Formulated to protect turbochargers and emission control system catalysts.
- Formulated for use in vehicles operating on ethanol-containing fuels up to E85.

INDUSTRY/OEM SPECIFICATIONS

API SP	Approved
dexos1® Gen3	Approved
ILSAC GF-6A	Approved
API SJ, SH, SG, SF	Meets Requirements
API SL	Meets Requirements
API SM	Meets Requirements
API SN	Meets Requirements
API SN Plus	Meets Requirements
Chrysler MS-6395	Meets Requirements
Ford WSS M2C947-A, WSS-M2C947-B1	Meets Requirements
Ford WSS M2C962-A1	Meets Requirements
GM 4718M	Meets Requirements
GM 6094M	Meets Requirements
ILSAC GF-4	Meets Requirements
ILSAC GF-5	Meets Requirements

TYPICAL PROPERTIES

Boron, wt. %	ASTM D5185	0.023
Calcium, wt. %	ASTM D5185	0.135
Cold Cranking Simulator at (°C), cP	ASTM D5293	5800 (-35)
Color	ASTM D1500	3
Flash Point °C	ASTM D92	226
Flash Point °F	ASTM D92	439
Foam Seq. III (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D892 (Opt. A)	5/0
Foam Seq. I (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Gravity, °API	ASTM D287	35.66
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	20/0
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	2.7

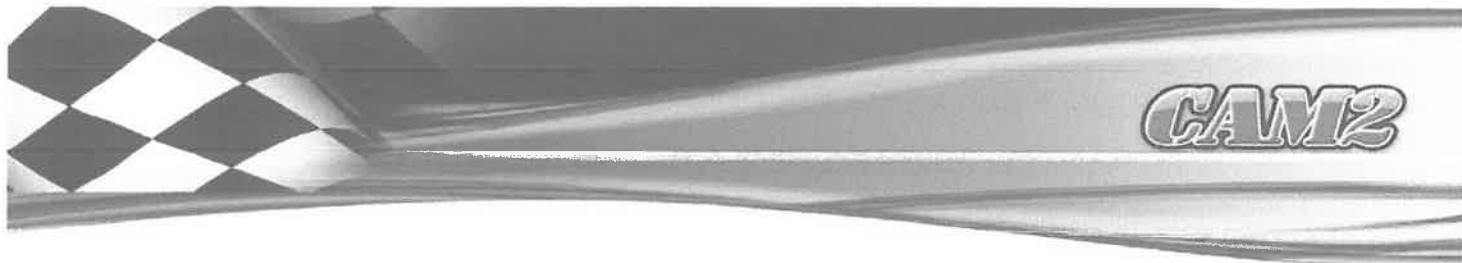
Magnesium, wt. %	ASTM D5185	0.059
Molybdenum, wt. %	ASTM D5185	0.0079
Nitrogen, wt. %	ASTM D4629	0.104
Noack Volatility, % loss	ASTM D6375	13
Phosphorus, wt. %	ASTM D5185	0.076
Pour Point °C (°F)	ASTM D5950	-45°C (-49°F)
Pumping Viscosity at (°C), cP	ASTM D4684	21,000 (-40)
Shear Stability, Final Viscosity in cSt	ASTM D6278	7.5
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8465
Sulfated Ash, wt. %	ASTM D874	0.9
Sulfur, wt. %	ASTM D4951	0.3
TBN, mgKOH/g	ASTM D2896	7.9
Viscosity @ 100°C cSt	ASTM D445	8.475
Viscosity @ 40°C cSt	ASTM D445	44.59
Viscosity Index	ASTM D2270	170
Zinc, wt. %	ASTM D5185	0.085

CONTAINER/BULK AVAILABILITY

6/1 Quart	Product Number - 65834
3/5 Quart	Product Number - 65828
6 Gallon Enviro Box®	Product Number - 66077
55 Gallon Drum	Product Number - 65830
330 Gallon Tote	Product Number - 65832

Available in Bulk

Information accurate as of November 11, 2025



PRODUCT BULLETIN

CAM2® Synavex Full Synthetic Motor Oil

ILSAC GF-6A & B / API SP (80565-070/092/093/094/095/096)

CAM2® Synavex Full Synthetic Motor Oils have been reformulated to meet the demands of modern turbo-charged and gasoline direct inject (TGD_i) engines in all operating conditions. Blended with only premium full synthetic base stocks and all-new advanced additive technology, CAM2 Synavex™ engine oils can extend drain intervals and extend engine life when compared to conventional motor oil.

CAM2® Synavex GF-6 Motor Oils show gains in several key areas that can provide significant cost savings over the life of the vehicle including over 200% greater protection against valve-train and chain wear while also eliminating the high temperature deposits that drain engines of horsepower over time. Synavex™ engine oils are formulated to exceed the latest ILSAC GF-6/ Resource Conserving and API SP performance specifications.

APPLICATIONS

CAM2® Synavex™ Full Synthetic Motor Oils are recommended for use in most light or heavy-duty gasoline driven cars, vans, and light trucks operating in the most severe operating conditions. They meet the latest API SP /GF-6A and GF-6B performance specifications and are backwards compatible to all previous API and/or ILSAC/Resource Conserving performance categories.

FEATURES

Low Speed Pre-Ignition (LSPI)

- Protection for small displacement turbo-charged GDI engines.

Excellent Fuel Economy

- Engineered to provide 40-50% improvement in fuel economy over GF-5 rated oils
- Helps engine maintain peak fuel efficiency for up to 3x longer than GF-5 Synavex motor oils

Wear Protection

- Robust anti-wear agents provide improved valve and chain wear protection

Engine Cleanliness

- Powerful antioxidants resist formation of high temp deposits that drain horsepower and fuel economy while a robust detergent system continues to clean internal components even while engine is sitting idle.

Extended Drain Intervals

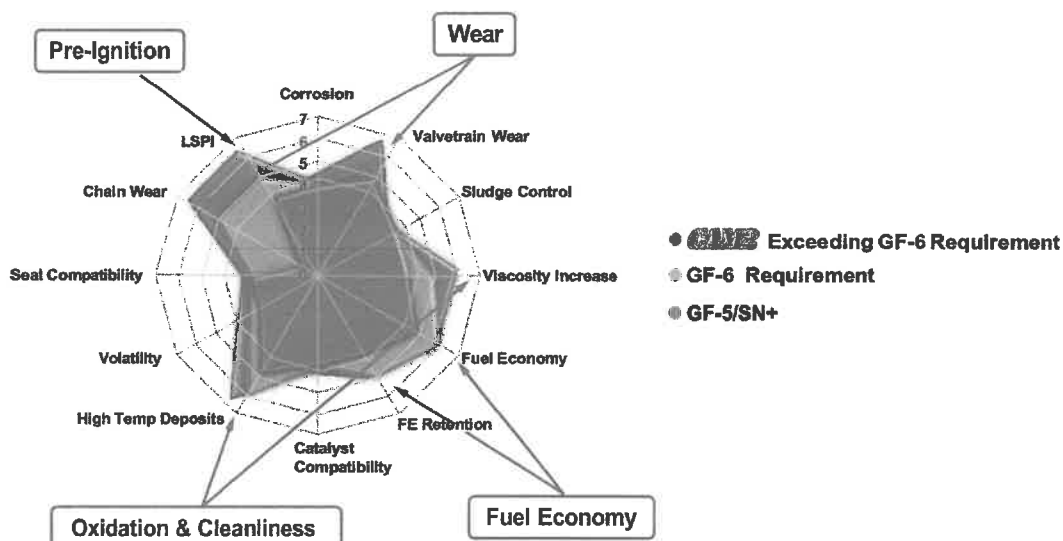
- Lower volatility combined with powerful oxidation protection may extend oil drain intervals in well maintained systems.

SPECIFICATIONS & APPROVALS

CAM2® Synavex™ Full Synthetic Motor Oils exceed all the following performance requirements or OEM specifications:

- API SP and all previous categories
- ILSAC GF-6A, GF-6B (0W-16 only)
- ACEA A5/B5
- GM 4718M (Corvette/Cadillac) / 6094M
- VW 501.00/502.00; VW 508.00 (0W-20 only) BMW LL-14E+ (0W-20)
- Fiat 955535-H2, M2. N2
- Honda/Acura HRO-06
- Ford WSS-M2C962-A1, Ford WSS-M2C963-A1, Ford M2C946-B1, Ford M2C947-B1

Performance of **CAM2** GF-6 Technology



TYPICAL PROPERTIES

CAM2® Synavex GF-6A & B / API SP

Product Code (80565-)	092	093	094	070	095	096
SAE Grade	0W-16	0W-30	0W-40	5W-20	5W-40	10W-30
Viscosity @ 40°C, cSt	35.04	40-45.82	55.43	49.5	88.31	60.20
Viscosity @ 100°C, cSt	7.032	100-87.86	10.34	14.50	14.89	9.487
Viscosity Index	167	175	178	177	177	140
Pour Point, °C	-50	-48	-48	-45	-44	-44
HTHS @ 150°C	>4.96	>2.70	>3.07	>4.14	>4.14	>2.89
Flash Point, °C (COC)	206	205	205	227	205	203.2
NOACK Volatility	<9.9%	<9.2%	<9.8%	<9.5%	<10.4%	<11.2%
ILSAC Symbol			NO STARBURST		NO STARBURST	

The above characteristics are typical of current production. While production will conform to CAM2's specification, slight variations may occur and do not affect performance.

Special Handling, Notices, or Warnings

Avoid contact with skin. Rinse with soap and water immediately after skin contact. This product is unlikely to present significant health hazards. Dispose of used oil properly.

MAG 1® FULL SYNTHETIC 5W-30 MOTOR OIL

FULL SYNTHETIC MOTOR OIL PASSENGER CAR MOTOR OIL



MAG 1® Full Synthetic 5W-30 Motor Oil is our purest and most advanced formulation. It delivers unsurpassed protection and performance, including the following benefits:

- MAG 1® Full Synthetic 5W-30 Motor Oil meet or exceed GM dexos1™ Gen 3 specifications for worldwide warranty requirements for all GM automotive gasoline engines currently in use. The oils are fully licensed by GM.
- Engineered to improve fuel mileage and to maximize horsepower and acceleration.
- Longer and better engine protection than conventional oils due to strong and uniform synthetic base oils and advanced molecules that provide a strong film barrier to control friction, resist wear and keep metal surfaces from coming into contact.
- Created for extreme hot and cold driving conditions: stop and go, frequent short trips, heavy loads and dusty conditions.
- Meets or exceeds API SP and ILSAC GF-6A requirements

FORMULATED FOR TODAY'S ENGINE DESIGNS

OEMs continue to evolve engine designs that demand more from motor oil. One brand has evolved right alongside – MAG 1®. It provides unsurpassed protection, even in our lightest viscosities. Protects better than the thick oils of the past.

UNSURPASSED PROTECTION, EVEN IN THE LIGHTEST VISCOSITY

MAG 1® with FMX® Technology provides unsurpassed protection in every viscosity. Even our lowest viscosity oils protect better than thick oils of the past. Our advanced oil chemistry actually improves oil properties through time, retaining viscosity, friction and anti-wear benefits, in spite of severe engine temperatures.

FULL SYNTHETIC MOTOR OIL FEATURING **EVOLUTIONARY PERFORMANCE™**

MAG 1® with FMX® Technology – Friction Management for Xtreme protection™ provides these benefits:

PERFORMANCE

Controls friction and wear more than 29% better than the latest API requirements.¹

- Improved fuel economy. Reduces fuel costs without sacrificing engine protection and performance. Also improves acceleration.
- Extended oil drain intervals.
- Engineered to handle the most extreme conditions.
- 100% pure synthetic oils. Contains uniform molecules that provide the best, longest-lasting engine protection and performance.

STRENGTH

Provides a strong oil film to avoid metal-to-metal contact, even under extreme stress.

- Unsurpassed wear protection. Advanced molecules bond together to avoid metal-to-metal contact of rotating engine parts.
- Enhanced friction reduction. MAG 1 oils react to heat to produce a critical friction-reducing barrier that protects metal surfaces.

DURABILITY

Stands up to the heat and shearing so it extends oil life.

- Stands up to the heat and shearing so it extends oil life.

1 Based on Sequence IV Wear test.

2 To measure friction reduction benefits, engineers used the ball-on-disk traction test.

APPLICATIONS

- Gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles, including gasoline-electric hybrids, especially when operating under severe conditions.
- Formulated to protect turbochargers and emission control system catalysts.
- Formulated for use in vehicles operating on ethanol-containing fuels up to E85.

INDUSTRY/OEM SPECIFICATIONS

API SP	Approved
dexos1® Gen3	Approved
ILSAC GF-6A	Approved
API SJ, SH, SG, SF	Meets Requirements
API SL	Meets Requirements
API SM	Meets Requirements
API SN	Meets Requirements
API SN Plus	Meets Requirements
Chrysler MS-6395	Meets Requirements
Ford WSS M2C946-B1, M2C946-A, M2C929-A	Meets Requirements
GM 4718M	Meets Requirements
GM 6094M	Meets Requirements
ILSAC GF-4	Meets Requirements
ILSAC GF-5	Meets Requirements

TYPICAL PROPERTIES

Boron, wt. %	ASTM D5185	0.023
Calcium, wt. %	ASTM D5185	0.135
Cold Cranking Simulator at (°C), cP	ASTM D5293	4400 (-30)
Color	ASTM D1500	3
Flash Point °C	ASTM D92	227
Flash Point °F	ASTM D92	441
Foam Seq. III (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D892 (Opt. A)	10/0
Foam Seq. I (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Gravity, °API	ASTM D287	35.82
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	15/0
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.2
Magnesium, wt. %	ASTM D5185	0.059

Molybdenum, wt. %	ASTM D5185	0.0079
Nitrogen, wt. %	ASTM D4629	0.104
Noack Volatility, % loss	ASTM D6375	12
Phosphorus, wt. %	ASTM D5185	0.076
Pour Point °C (°F)	ASTM D5950	-45°C (-49°F)
Pumping Viscosity at (°C), cP	ASTM D4684	15,000 (-35)
Shear Stability, Final Viscosity in cSt	ASTM D6278	9.4
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8457
Sulfated Ash, wt. %	ASTM D874	0.9
Sulfur, wt. %	ASTM D4951	0.3
TBN, mgKOH/g	ASTM D2896	7.9
Viscosity @ 100°C cSt	ASTM D445	10.91
Viscosity @ 40°C cSt	ASTM D445	62.09
Viscosity Index	ASTM D2270	169
Zinc, wt. %	ASTM D5185	0.085

CONTAINER/BULK AVAILABILITY

6/1 Quart	Product Number - 62891
3/5 Quart	Product Number - 64193
6 Gallon Enviro Box®	Product Number - 65446
55 Gallon Drum	Product Number - 64876
330 Gallon Tote	Product Number - 65476

Available in Bulk

Information accurate as of November 11, 2025



PRODUCT BULLETIN

CAM2® SuperPro Max Synthetic Blend Motor Oil

ILSAC GF-6A / API SP (80565-086/087/088/089/090)

CAM2® SuperPro Max Synthetic Blend delivers exceptional performance and protection for vehicles of all ages. Combining carefully selected conventional and synthetic base oils with our most robust additive package to date provides unmatched protection against Low Speed Pre-Ignition even in the most advanced turbo charged applications. CAM2® SuperPro Max utilizes this new additive technology to keep dirt and other contaminants that rob your engine of power out while also ridding the system of sludge and other harmful deposit buildups.

CAM2® SuperPro Max Synthetic Blend exceeds the performance requirements of API's Resource Conserving "SP" and car manufacturers' ILSAC GF-6A classification as well as all prior classifications providing the latest technology in fuel economy standards while also maintaining best in class wear control, cleanliness, protection against sludge, and oxidation control.

CAM2® SuperPro Max was developed in part to provide better vehicle fuel economy, oxidative stability, and piston deposits. These improvement needs are a result of a drive to smaller engines without a sacrifice of power. Technology such as "Eco-Boost (Turbo Charge)", in combination with small engines, provides better fuel economy while maintaining the performance level of the larger engine designs. This technology significantly increases pressure on the lubricant in the form of heat and a need to control wear and deposits.

FEATURES

Low Speed Pre-Ignition (LSPI)

- Protection for small displacement turbo-charged GDI engines.

Excellent Fuel Economy

- Drive an extra 580 miles per year on average
- "Resource Conserving" approved

Maximize Horsepower

- Protects engine components from wear leading to loss of power

Extreme Condition Performance

- Industry leading high temperature deposit control

Engine Cleanliness

- Up to 40% cleaner pistons than the industry standard
- Extremely low volatility providing extended drain protection

Super Pro Max Engine Oils provides exceptional protection and keeps engines cleaner for extended drain intervals in all operating environments.



Piston head after 10,000 miles

Damage from LSPI



Piston head after 45,000 miles

SuperPro Max protecting from LSPI

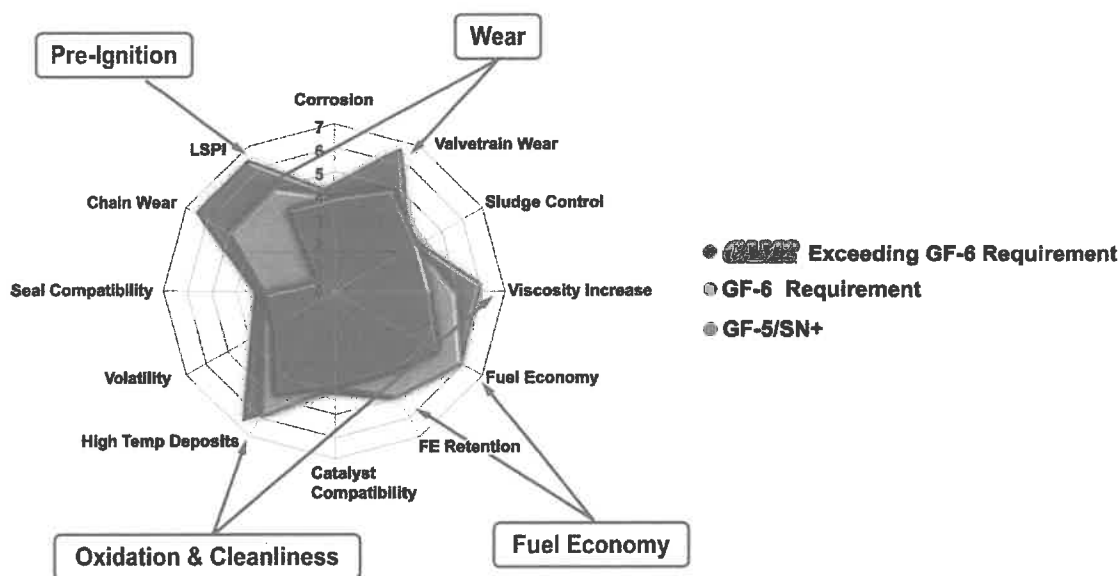
SPECIFICATIONS & APPROVALS

CAM2 SuperProMax Synthetic Blend exceeds all the following performance requirements or OEM specifications:

- API SP and prior classifications
- ILSAC GF-6A and prior classifications
- ACEA A5/B5-16
- Fiat H2, M2, N2
- Ford WSS-M2C945-B1, Ford WSS-M2C946-B1



Performance of **CAM2** GF-6 Technology



TYPICAL PROPERTIES

CAM2® SuperPro Max GF-6A / API SP

Product Code (80565-)	086	087	088	089	090
SAE Grade	5W-20	5W-30	10W-30	10W-40	20W-50
Viscosity @ 40°C, cSt	45.94	51.25	74.28	113.1	165.80
Viscosity @ 100°C, cSt	8.317	9.828	11.17	16.00	19.64
Viscosity Index	158	158	141	151	136
Pour Point, °C	-48	-45	-40	-38	-37
HTHS @ 150°C	>2.64	>2.94	>3.14	>3.99	>5.0
Flash Point, °C (COC)	201.2	201.2	205	205	208
NOACK Volatility	<15%	<13.4%	<8.9%	<9.1%	<5.9%

The above characteristics are typical of current production. While production will conform to CAM2's specification, slight variations may occur and do not affect performance.

Special Handling, Notices, or Warnings

Avoid contact with skin. Rinse with soap and water immediately after skin contact. This product is unlikely to present significant health hazards. Dispose of used oil properly.



Shell Rotella MV 5W-30

Fully Synthetic Heavy Duty Diesel Engine Oil

Shell ROTELLA MV with Triple Protection Plus™ technology heavy duty engine oil has been enhanced with synthetic base oils plus advanced additive technology to provide protection against wear, deposits and oil breakdown, PLUS improved fuel economy performance* and excellent extreme high/low temperature performance.



Performance, Features & Benefits

Shell ROTELLA MV 5W-30 is designed for both diesel engines allowing API CK-4 and gasoline engines allowing API SN quality oils. It is designed to provide hard working protection that adapts to your driving conditions resulting in excellent protection against wear, deposits, and oil breakdown PLUS:

- Better fuel economy performance*
- Excellent extreme high/low temperature protection.
- Protection to help prevent corrosion and deposits in key engine parts.

The exclusive low ash formulation helps protect the exhaust catalysts and particulate filters found on the latest low emission vehicles.

Shell ROTELLA MV 5W-30 is suitable for use in all on or off highway engines requiring an API CK-4, CJ-4, CI-4 Plus, CI-4 or CH-4 diesel oil, and gasoline engines requiring an API SN quality oil in this viscosity grade.

*Compared to conventional SAE 15W-40 engine oil

- **Helps minimize/control oil consumption**

Shell ROTELLA MV 5W-30 has been formulated to minimize/control oil consumption and help reduce need for oil top off.

Technical Data Sheet

- Energy Saving / Improved Fuel Economy Performance
- Mixed Fleet Applications
- Extreme Temperature Performance

- **Fuel economy capability**

Shell ROTELLA MV 5W-30 has demonstrated 2.8% improvement in fuel economy (compared to conventional SAE 15W-40 oils) in real world field testing. It can help deliver savings in fuel economy without compromising engine protection or durability.

- **Resistance to high temperature breakdown**

The advanced formulation delivers improved oxidation performance relative to CJ-4 quality oils, providing increased resistance to breakdown under high temperatures.

- **Improved low temperature performance**

The advanced formulation of adaptive additive technology and synthetic base oils results in improved low temperature flow versus conventional SAE 15W-40 oils.

Main Applications



Suitable for use in all on or off highway engines requiring an API CK-4, CJ-4, CI-4 Plus, CI-4 or CH-4 diesel oil in this viscosity grade or in gasoline engines requiring an API SN quality oil.

Specifications, Approvals & Recommendations

- API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4, SN
- ACEA E6
- JASO DH-2
- Caterpillar ECF-3, 2
- Cummins CES 20086, 20081
- Detroit Fluids Specification 93K222, 93K218

- Deutz DQC IV-18 LA
- Mack EO-S 4.5, O Premium Plus
- MAN M 3677
- DTFR 15C110 (prev. MB 228.51)
- MTU Category 3.1
- Volvo VDS 4.5, VDS-4

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Rotella MV 5W-30
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	75
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	12.1
Dynamic Viscosity	@-20°C	mPa s	ASTM D5293	6 200
Viscosity Index			ASTM D2270	159
Total Base Number		mgKOH/g	ASTM D2896	11
Density	@15°C	kg/l	ASTM D4052	0.845
Flash Point (COC)		°C	ASTM D92	239
Pour Point		°C	ASTM D97	-48

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

• Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <https://www.epc.shell.com>

• Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

• Advice

Advice on applications not covered here may be obtained from your Shell representative.



SHELL ROTELLA® T4

Triple Protection® 10W-30



Triple Protection® technology against wear, deposits and oil breakdown

Main applications



Suitable for all on/off highway engines requiring an API CK-4, CJ-4, CI-4 Plus, CI-4 or CH-4 diesel oil in this viscosity.

About Triple Protection®

Today's demands on your engine are greater. And that demands a harder working oil, designed to deliver protection and performance under the most severe engine conditions in modern, low-emission engines as well as in older equipment.

The most technically advanced Shell ROTELLA® formulation ever

Shell ROTELLA® T4 Triple Protection® is the same Triple Protection® technology customers have come to depend on. But today, it's better than ever, with advanced additive technology that adapts to your driving conditions to protect against wear, deposits and oil breakdown. That's why it's recommended by a wide range of OEMs.

Works harder to save on fuel

Shell ROTELLA® T4 10W-30 Triple Protection® also protects your bottom line. Compared to a 15W-40, its lower viscosity allows for less resistance in the engine for improved fuel economy.

Triple Protection® performance, features & benefits:

Exceptional wear protection

Proven over millions of miles of real world performance, Shell ROTELLA® T4 Triple Protection® provides exceptional wear protection to maximize engine efficiency and prolong engine life.

Exceptional engine cleanliness

Formulated for enhanced deposit protection to help keep engines clean over the oil drain interval.

Emissions system compatibility

This formulation, exclusive to Shell, helps protect exhaust catalysts and particulate filters found on the latest low emission vehicles to help maintain vehicle emission compliance and engine fuel efficiency.

Enhanced shear stability performance

Shell ROTELLA® continues its heritage of outstanding shear stability for improved viscosity control and optimal oil pressure.

SPECIFICATIONS AND APPROVALS

SHELL ROTELLA® T4 10W-30

API CK-4, CJ-4; JASO DH-2; Cummins 20086; Volvo VDS-4.5;
MACK EOS-4.5; Detroit Diesel 93K222; Caterpillar ECF-2, ECF-3;
Ford WSS-M2C171-F1

PRODUCT MATERIALS & PACKAGE SIZE

PRODUCT	12x1 Quart	3x1 Gal Jug	55 Gal Drum	275 Gal Tote	Bulk
T4 10W-30 (CK-4)	550045146	550045144	550045137	550045145	500010011

MAG 1® FULL SYNTHETIC EUROPEAN 5W-40 A3/B4 MOTOR OIL

FULL SYNTHETIC EUROPEAN MOTOR OIL PASSENGER CAR MOTOR OIL



MAG 1® Full Synthetic European 5W-40 A3-B4 Motor Oil is our purest formulation and provide outstanding fuel economy. It delivers unsurpassed protection and performance, including the following benefits:

- Engineered to improve fuel mileage and to maximize horsepower and acceleration, especially in higher rpm and turbocharged engines.
- Longer and better engine protection than conventional oils due to strong and uniform synthetic base oils and advanced molecules that provide a strong film barrier to control friction, resist wear and keep metal surfaces from coming into contact.
- Created for extreme hot and cold driving conditions: stop and go, frequent short trips, heavy loads and dusty conditions.
- Designed to meet or exceed requirements set by many major European automakers – Audi, BMW, Mercedes-Benz, Opel, Porsche, Renault, Skoda, SEAT, Volkswagen.

FORMULATED FOR TODAY'S ENGINE DESIGNS

OEMs continue to evolve engine designs that demand more from motor oil. One brand has evolved right alongside – MAG 1®. It provides unsurpassed protection.

UNSURPASSED PROTECTION, EVEN IN THE LIGHTEST VISCOSITY

MAG 1® with FMX® Technology provides unsurpassed protection. Our advanced oil chemistry actually improves oil properties through time, retaining viscosity, friction and anti-wear benefits, in spite of severe engine temperatures.

Full Synthetic Motor Oil featuring *Evolutionary Performance™*

MAG 1® with FMX® Technology – Friction Management for Xtreme protection™ provides these benefits:

PERFORMANCE

Controls friction and wear.

- Improved fuel economy. Reduces fuel costs without sacrificing engine protection and performance. Also improves acceleration.
- Extended oil drain intervals.
- Engineered to handle the most severe or extreme conditions.
- 100% pure synthetic oils. Contains uniform molecules that provide the best, longest-lasting engine protection and performance.

STRENGTH

Provides a strong oil film to avoid metal-to-metal contact, even under extreme stress.

- Unsurpassed wear protection. Advanced molecules bond together to prevent metal-to-metal contact of rotating engine parts.
- Enhanced friction reduction. MAG 1 oils react to heat to produce a critical friction-reducing barrier that protects metal surfaces.¹

DURABILITY

Stands up to the heat and shearing so it extends oil life.

- Retains viscosity and prevents thermal breakdown. The oil excels even in the harshest conditions.
- Outstanding oxidation and deposit control. Many new engine design strategies for OEMs result in higher operating temperatures and the need for greater protection.

¹To measure friction reduction benefits, engineers used the ball-on-disk traction test.

INDUSTRY/OEM SPECIFICATIONS

API SN	Approved
ACEA A3/B3 and A3/B4	Meets Requirements
API SH, SG, SF, SE, SD, SC	Meets Requirements
API SM	Meets Requirements
BMW LL-01	Meets Requirements
MB p229.3 / p229.5	Meets Requirements
OPEL GM-LL-B-025	Meets Requirements
Porsche A40	Meets Requirements
Renault 0710 / 0700	Meets Requirements
VW 501 01 / 502 00 / 505 00	Meets Requirements

TYPICAL PROPERTIES

Boron, wt. %	ASTM D5185	0.007
Calcium, wt. %	ASTM D5185	0.26
Cold Cranking Simulator at (°C), cP	ASTM D5293	6083 (-30)
Color	ASTM D1500	2
Gravity, °API	ASTM D287	33.98
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.7
Nitrogen, wt. %	ASTM D4629	0.089
Noack Volatility, % loss	ASTM D6375	10
Phosphorus, wt. %	ASTM D5185	0.092
Pour Point °C (°F)	ASTM D5950	-45°C (-49°F)
Pumping Viscosity at (°C), cP	ASTM D4684	28,400 (-35)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8551
Sulfur, wt. %	ASTM D4951	0.19
TBN, mgKOH/g	ASTM D2896	9.8
Viscosity @ 100°C cSt	ASTM D445	13.18
Viscosity @ 40°C cSt	ASTM D445	77.27
Viscosity Index	ASTM D2270	173
Zinc, wt. %	ASTM D5185	0.102

CONTAINER/BULK AVAILABILITY

6/1 Quart	Product Number - 70173
3/5 Quart	Product Number - 69891
55 Gallon Drum	Product Number - 64880
330 Gallon Tote	Product Number - 67696

Available in Bulk

Information accurate as of November 11, 2025

PRODUCT INFORMATION



VALVOLINE™ PREMIUM BLUE™ EXTREME SAE 5W-40 FULL SYNTHETIC

Valvoline Premium Blue Engine Oil is "The Only One"™ exclusively endorsed and recommended by Cummins. It is designed to provide performance and protection in modern, emissions treatment equipped diesel engines, including those with Exhaust Gas Recirculation (EGR) and Diesel Particulate Filters (DPF).

The Valvoline Premium Blue Extreme Engine Oil Advantages:

- Superior synthetic basestocks provide faster, safe starts during freezing weather and enhanced thermal properties for hot weather operations.
- Enhanced protection against oil oxidation
- Improved fuel economy potential over conventional 15W-40 oils
- Superior deposit protection compared to industry requirements
- Premium lubricant designed to protect heavy duty, utility, and pickup diesel engines under severe service in both on and off highway.

Premium Blue Extreme is licensed for API service CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4, SN, SM and all prior API gasoline categories.

Premium Blue Extreme SAE 5W-40 Engine Oil is approved or recommended for:

- Cummins CES 20086
- Volvo VDS-4.5
- Detroit Diesel DFS 93K222, DFS 93K218
- Chrysler MS-10902
- ACEA E11-22, E7-22
- MAN M3775, M3575, M3275
- Mack EOS-4.5
- Caterpillar ECF-3
- Ford WSS-M2C171-F1
- Renault RLD-3
- Daimler Truck DTFR 15C100 (228.31)
- MTU Category 2.1 (Meets Engine Test Requirements)

Typical Properties:

SAE 5W-40

KV100 (cSt)	15.3
KV40 (cSt)	95.1
Viscosity Index	171
Density (g/cm ³)	0.85
CCS @ -30°C, cP	6,000
HTHS @ 150°C, cP	4.0
Pour Point (°C)	-39
Sulfated Ash, mass %	<1.0
TBN (D-2896), meq KOH/g	11
Noack, % loss	11
Zinc, ppm	1270
Phosphorous, ppm	1150

Endorsed and Recommended by Cummins Inc.



Part Numbers:

SAE 5W-40

Bulk	VV705160
Tote	778165
55 Gallon Drum	VV70516
5 Gallon Pail	894013
1 Gallon	774038

Refer to Valvoline's Safety Data Sheet for health and safety information.

This information only applies to products manufactured in the following location(s): USA, Canada.

Effective Date:
4/18/25

Author:
BT

PRODUCT INFORMATION



VALVOLINE™ EUROPEAN VEHICLE FULL SYNTHETIC SAE 0W-40 MOTOR OIL

Valvoline European Vehicle Full Synthetic SAE 0W-40 Motor Oil is a premium full synthetic motor oil formulated with the highest quality synthetic base oils and premium additive chemistry to meet the demanding requirements of European OEM's.

Ultimate protection for European Gas and Diesel Engines:

- Full synthetic formula for exceptional high and low temperature protection
- Extra wear protection designed to keep engine parts like new
- Extra detergents help fight sludge and deposits
- Superior antioxidants resist motor oil breakdown in extreme conditions

Recommended Applications:

	SAE 0W-40
ACEA A3/B4	X
API SN	X
BMW LL-01	X
MB 229.3	X
MB 229.5	X
MB 226.5	X
Porsche A40	X
VW 502.00/505.00	X
VW 505.01	X

Typical Properties:

	SAE 0W-40
KV100 (cSt)	13.5
KV40 (cSt)	77.0
Viscosity Index	180
Density @ 15 °C g/cm ³	0.839
CCS (cP @ °C)	<6000@-35
Pour Point (°C)	≤ -39
HTHS (cP)	3.7

This information only applies to products manufactured for the following location(s): USA, Canada, Latin America

Effective Date:
11/5/25

Author:
MRS



PRODUCT BULLETIN

CAM2 GL-5 High Performance Gear Lubricant

PRODUCT # 507, 508, 512

CAM2 GL-5 Gear Lubricants are premium quality GL-5 rated gear oils blended from highly refined high Viscosity Index base stocks. CAM2 Gear Lubricants, through the combination of highly refined base oils and up-to-date additive technology, are more economical than oils of lesser quality and lower initial cost. Equipment life may be longer and more trouble-free, and maintenance cost and downtime may be significantly reduced through the use of CAM2 Gear Lubricants in conjunction with a dedicated preventive maintenance program.

CAM2 GL-5 Gear Lubricants are available in 3 multi-viscosity grades with a Limited Slip option to comply with most automotive and truck applications. They provide excellent load carrying capability, oxidation stability, rust and corrosion resistance and anti-foam protection. Dyed Red for ease of leak detection and contains tackifier for added adhesiveness.

FEATURES

- Formulated with sulfur-phosphorus EP additives to provide anti-wear and anti-scuff performance.
- Excellent oxidation resistance
- Rust and corrosion protection for gears and bearings
- Excellent anti-foam properties
- Added tackifier for better adhesiveness
- Dyed Red for ease of leak detection
- Excellent performance in high load operations and also extreme temperatures

*See page 2 for Technical details

APPLICATIONS

CAM2 GL-5 Gear Oils are recommended for use in:

- Automotive, On- and off-highway truck and heavy equipment, industrial and agricultural applications
- Conventional and high performance differentials
- Hypoid gear sets
- Transportation gear boxes subject to heavy loads and shock loading
- Gear sets with spur, bevel, spur bevel, spiral bevel, herringbone
- Manual transmissions and gear reducers calling for GL-5 Gear Oil

RECOMMENDATIONS

Meets requirements of API GL-5 and MT-1

MIL PRF 2105E, SAE J2360

Mack GO-J, GO-H, GO-G

ArvinMeritor 0-76-A (SAE 85W-140), 0-76-D (SAE 80W-90)

International Truck (Navistar) CEMS B-22



CAM2 INTERNATIONAL, LLC

685 Haining Road • Vicksburg, MS 39183 • Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com



PRODUCT BULLETIN

CAM2 GL-5 High Performance Gear Lubricant

PRODUCT # 507, 508, 512

TYPICAL CHARACTERISTICS

SAE Grade	Test Method	80W-90	85W-140	90W-90LS
Product Code		507	508	512
API Gravity, 60° F	ASTM D-1298A	25	23.5	25.2
Viscosity, cSt @ 40°C	ASTM D-445	144	370	145
Viscosity Index	ASTM D-2270	100	100	103
Pour Point, °C (°F)	ASTM 5949	-26/-15	-12/-10	-26/-15
Flash Point, (°C)	ASTM D-92	210	220	212
Viscosity cp @ °C	ASTM 2983	100,000 @ -26°C	115,000 @ -12°C	100,000 @ -26°C

The above characteristics are typical of current production. While production will conform to CAM2's specification, slight variations may occur and do not affect performance.

Special Handling, Notices, or Warnings

Avoid contact with skin. Rinse with soap and water immediately after skin contact.

This product is unlikely to present and significant health hazards.

Dispose of used oil properly.

For more information, contact your CAM2 Representative or visit our website @ www.CAM2.com

CAM2 INTERNATIONAL, LLC

685 Haining Road • Vicksburg, MS 39183 • Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com

CAM2[®] MAGNUM[®]

PRODUCT BULLETIN MAGNUM GL-1 Gear Lubricant

MAGNUM GL-1 Gear Oils are straight mineral gear oils intended for mild service in a broad range of automotive, manual transmission and industrial gear and bearing applications calling for API GL-1 performance. MAGNUM GL-1 Gear Oils are used in gear sets operating under such mild conditions of low unit pressures and minimum sliding velocities, that untreated oil may be used satisfactorily. They may contain oxidation, rust and corrosion inhibitors, anti-foam agents and pour point depressants. GL-1 gear oils do not contain friction modifiers or extreme pressure additives and for use mainly in older automobiles and non-critical applications.

FEATURES

- Blended from mid VI base stocks that offer better solubility for deposits than highly paraffinic stocks.

APPLICATIONS

MAGNUM GL-1 Multipurpose Gear Oils are recommended for use in:

- Applications calling for API GL-1
- Lightly loaded gear sets

RECOMMENDATIONS

Meets requirements of API GL-1 (obsolete)

TYPICAL CHARACTERISTICS

SAE Grade	Test Method	90	140
API Gravity, 60° F	ASTM D-1298A	23.4	21.1
Viscosity, cSt @ 40°C	ASTM D-445	220	374
Viscosity Index	ASTM D-2270	100	100
Pour Point, °C (°F)	ASTM 5949	-12/10	-11/12
Flash Point,(°C)	ASTM D-92	244	246

The above characteristics are typical of current production. While production will conform to CAM2's specification, slight variations may occur and do not affect performance.

Special Handling, Notices, or Warnings

Avoid contact with skin. Rinse with soap and water immediately after skin contact.

This product is unlikely to present and significant health hazards.

Dispose of used oil properly.

For more information, contact your CAM2 Representative or visit our website @ www.CAM2.com

CAM2 INTERNATIONAL, LLC
211 Violet Street Suite 100 • Golden, CO 80401 Telephone 800/338-2262 • Fax: 303/679-8988
www.CAM2.com



PRODUCT BULLETIN

SYNAVEX™ TRANS-FLUID 50

PRODUCT #503

CAM2 SYNAVEX™ Trans-Fluid 50 is a premium quality, fully synthetic transmission fluid. **CAM2 SYNAVEX™ Trans-Fluid 50** uses a scientifically formulated combination of superior quality, synthetic base oils and state-of-the art additive technology to provide a truly outstanding synthetic transmission fluid that is designed to extend equipment life and drain intervals while lowering your maintenance and down-time cost.

SYNAVEX™ Trans-Fluid 50 is a full synthetic, heavy duty SAE 50 manual transmission fluid formulated with premium quality synthetic base stocks and high performance additives for API MT-1 non-EP extended drain service. **SYNAVEX™ Trans-Fluid 50** is manufactured to our Advanced Quality Assurance™ standards of quality control that exceed industry standards. Every batch is laboratory tested from base stocks and additives to finished fluid, in order to consistently deliver an exceptional level of performance and protection.

The outstanding performance of this product is confirmed by its suitability for heavy-duty transmissions covered by Eaton Roadranger and Extended Warranties of 750,000 miles, with oil drains of 500,000 miles. It is also suitable for Mack against its TO-A Plus 500,000 mile extended service classification. **SYNAVEX™ Trans-Fluid 50** meets or exceeds the requirements of the API service MT-1 EP gear oil service classification and is recommended by CAM2 for use in transmissions and gear cases where API Service GL-1 through GL-4 gear protection is required.

FEATURES

- **Superior all-temperature, year-round protection and performance** - Trans-Fluid 50 remains fluid at extremely low temperatures for cold weather shifting and to eliminate premature wear (especially at start-up) and maintains lubricity and film strength at high temperatures.
- **Extended Drain Intervals**-designed to provide extended drain capability
- **Enhanced anti-wear protection and shear stability** - Trans-Fluid 50 will help to extend the life and service intervals of your transmission, especially for transmissions experiencing more startup and/or shift cycles, or extreme loads or environments.
- **Extended service life and performance** - Wear protection, corrosion resistance and oxidation stability combine to provide longer equipment life, lower maintenance cost and less down time.
- **Improved fuel economy**- Enhanced oxidative stability helps to maintain the original fluid viscosity and increases the potential for fuel economy savings over the drain interval

APPLICATIONS

CAM2 SYNAVEX™ TRANS-FLUID 50 is designed for use in API MT-1 applications

Heavy Duty Trucks	Commercial Vehicles
On/Off Highway Vehicles	Buses/Coaches
Virtually all heavy duty manual transmissions	Emergency Equipment
Synchromesh Gearboxes	Medium load Non-EP drives

CAM2 INTERNATIONAL, LLC

211 Violet Street Suite 100 • Golden, CO 80401

Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com



PRODUCT BULLETIN SYNAVEX™ TRANS-FLUID 50 ATF

PRODUCT #503

CAM2 SYNAVEX™ TRANS-FLUID 50 meets the requirements of:

API MT-1

EATON PS 164 rev 7

Navistar TMS 6816

MACK TO-A Plus

Volvo I Shift

ZF Freedomline

TECHNICAL DATA

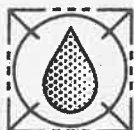
Product Code	503
API Gravity	32.6
Viscosity, cSt @40°C	135
Viscosity, cSt @ 100°C	17.5
Viscosity Index	143
Pour Point, °C (°F)	-45/-49
Flash Point, °C (°F)	220/428
SAE Grade	50

Mystik® LithoPlex® Red Tacky Greases

Formerly known as CITGO® Lithoplex RT Greases



OVERVIEW



- Premium-quality lithium complex greases suited for a wide variety of industrial and automotive service applications including chassis and wheel bearings.
- These extreme pressure greases are recommended for use across several industries that include on-road, off-road and industrial applications.

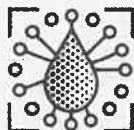
FEATURES & BENEFITS



- Extremely stable lithium complex formula retains its consistency even in the most severe service.
- Additives provide excellent extreme pressure (EP) and anti-wear protection under severe conditions.
- Resist corrosion, thereby extending equipment life. This is of particular importance in applications where moisture is present.
- Oxidation inhibitors extend grease life and protect the application for longer periods.
- Their red color and tacky, moly-free formulas make them ideal for many problem applications.
- Meet the ASTM D4950 requirements for Wheel Bearing Category GC and Chassis Lubrication Category LB.



APPLICATIONS



- Provide excellent performance in applications where good adhesion and water resistance are critical.
- Excellent for use in many industrial, agricultural, and automotive applications.

Approvals: Mack MG-C

- Refer to equipment owner's manual for proper lubricant recommendation.

PROPERTIES**Typical Properties for Mystik LithoPlex Red Tacky:**

Material Code	655343002	655344002
NLGI Grade	1	2
Thickener Type	Lithium Complex	Lithium Complex
Color	Red	Red
Texture	Smooth, Adhesive, Buttery	Smooth, Adhesive, Buttery
Worked Penetration, ASTM D217	310-340	265-295
Dropping Point, ASTM D2265, °F(°C)	500 (260)	530 (277)
Rust Prevention, ASTM D1743, Rating	Pass	Pass
Water Washout, ASTM D1264, % Loss @ 175°F	5.3	2.0
Four-Ball Wear, ASTM D2266, mm	0.42	0.42
Four-Ball Weld, ASTM D2596, kgf	250	250
Four-Ball Load-Wear Index, ASTM D2596, kgf	48	48
Base Oil Viscosity @ 40°C, cSt (including oil soluble additives)	500	500
NLGI Classification, ASTM D4950	GC-LB	GC-LB

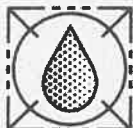
Mystik is a registered trademark of CITGO Petroleum Corporation. All other registered trademarks or trademarks are the property of their respective owners. Values shown are typical values only and do not constitute a specification. The information contained herein is subject to change without notice.

Mystik® LithoPlex® 3% Moly and 5% Moly Greases

Formerly known as CITGO® Lithoplex CM and HM Greases



OVERVIEW



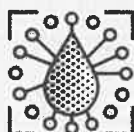
- These premium lithium complex greases provide outstanding protection in construction and mining applications.
- Contain molybdenum disulfide for additional protection in harsh environments.

FEATURES & BENEFITS

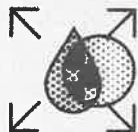


- Extreme pressure (EP) and anti-wear additives provide excellent extreme pressure and wear protection.
- Formulated with corrosion inhibitors to resist corrosion and extend equipment life.
- Contain oxidation inhibitors to extend the grease life and protect the application for longer periods.
- Polymeric additive improves water resistance and adhesion.

APPLICATIONS



- Recommended for construction equipment, mining equipment, fifth wheels, bucket pins, crusher bearings, pin and bushings, pivot pins, track drive rollers and industrial applications.
- Contain 3% moly and 5% moly to meet equipment manufacturer requirements.
- Refer to equipment owner's manual for proper lubricant recommendation.

PROPERTIES**Typical Properties for Mystik LithoPlex 3% Moly and 5% Moly:**

Product	3% Moly #1	3% Moly #2	5% Moly #1	5% Moly #2
Material Code	655351002	655352002	655356002	655357002
NLGI Grade	1	2	1	2
Thickener Type	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
Color	Gray	Gray	Gray	Gray
Texture	Smooth	Smooth	Smooth	Smooth
Worked Penetration, ASTM D217	310-340	265-295	310-340	265-295
Dropping Point, ASTM 2265, °F (°C)	500(260)	500(260)	500(260)	500(260)
Rust Prevention, ASTM D1743, rating	Pass	Pass	Pass	Pass
Water Washout, ASTM D1264, % Loss @ 175°F	2.0	2.0	2.5	2.0
Molybdenum Disulfide, Wt. %	3	3	5	5
Four-Ball Wear, ASTM D2266, mm	0.45	0.45	0.40	0.40
Four-Ball Weld, ASTM D2596, kgf	400	400	500	500
Base Oil Viscosity @ 40°C, cSt (incl. oil soluble additives)	285	375	375	375

Mystik is a registered trademark of CITGO Petroleum Corporation. All other registered trademarks or trademarks are the property of their respective owners. Values shown are typical values only and do not constitute a specification. The information contained herein is subject to change without notice.



Technical Data Sheet

- Long Oil Life
- Extra Protection
- Maintain System Efficiency
- Versatile Applications

Shell Tellus S2 VX 22

High Performance Hydraulic Fluid, Group II Base Oil Technology, Versatile Applications

Shell Tellus S2 VX fluids are high performance hydraulic fluids based on Group II base oils that provide outstanding protection and performance across a wide range of temperatures. They resist breakdown under heat or mechanical stress and are ideally suited to most mobile equipment and other applications subjected to a wider range of ambient or operating temperatures.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Long fluid life – maintenance saving**

Shell Tellus S2 VX fluids help extend equipment maintenance intervals by resisting thermal and chemical breakdown. This minimizes any harmful sludge formation and provides better reliability and system cleanliness.

Shell Tellus S2 VX fluids also have good stability in the presence of moisture, which ensures long fluid life and reduces the risk of corrosion and rusting, particularly in moist or humid environments.

Highly shear stable viscosity modifiers help minimize variations in the fluid properties throughout the service life of the fluid

- **Outstanding wear protection**

Tellus S2 VX is designed to meet the demands of hydraulic systems well in to the future, including enhanced extreme pressure performance in the FZG test (FLS 11 at ISO VG 32). It also demonstrates excellent performance in the tough Denison T6H20C (dry and wet versions) and the demanding Eaton Vickers 35VQ25. Shell Tellus S2 VX fluids can help system components last longer.

- **Maintaining system efficiency**

Excellent filterability and high performance water separation, air release and antifoam characteristics all help contribute to maintaining or enhancing the efficiency of hydraulic systems. Optimization of friction characteristics also helps reduce harmful stick-slip effects.

An oil cleanliness particle count of ISO 4406 20/18/15 or better (measured at the point of filling) helps reduce the impact of contaminants on filter blocking, allowing both extended filter life and enhancing equipment protection.

Shell Tellus S2 VX fluids are formulated for exceptional foam control and excellent air release to facilitate efficient hydraulic power transfer and minimise fluid and equipment impacts of cavitation induced oxidation that can shorten fluid life.

Main Applications



- **Mobile/external hydraulic systems**

Hydraulic and fluid power transmission systems in exposed environments can be subject to wide variations in temperature. The high viscosity index of Shell Tellus S2 VX helps deliver responsive performance from cold start conditions to full load, severe duty operation.

- **Precision hydraulic systems**

Precision hydraulic systems require excellent control of fluid viscosity over the operating cycle. Shell Tellus S2 VX provides greater temperature-viscosity stability compared to ISO HM fluids that can help improve the performance of such systems.

- **Marine hydraulic systems**

Suitable for marine applications where ISO HV category hydraulic fluids are recommended.

Specifications, Approvals & Recommendations

Product is designed to meet :

- ISO 11158 (HV fluids)
- DIN 51524 Part 3 HVLP type
- ASTM D6158 (HV fluids)
- DTFR 31B130

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Compatibility & Miscibility

• Compatibility

Shell Tellus S2 VX fluids are suitable for use with most hydraulic pumps.

• Fluid Compatibility

Shell Tellus S2 VX fluids are compatible with most other mineral oil based hydraulic fluids. However, mineral oil hydraulic fluids should not be mixed with other fluid types (e.g. environmentally acceptable or fire resistant fluids).

• Seal & Paint Compatibility

Shell Tellus S2 VX fluids are compatible with seal materials and paints normally specified for use with mineral oils.

Typical Physical Characteristics

Properties	Method	Shell Tellus S2 VX 22
ISO Fluid Type		HV
Kinematic Viscosity @ -20°C cSt	ASTM D445	700
Kinematic Viscosity @ 40°C cSt	ASTM D445	22
Kinematic Viscosity @ 100°C cSt	ASTM D445	4.8
Viscosity Index	ISO 2909	143
Shear Stability @ 100°C % loss	CEC L45-A-99	8
Density @ 15°C kg/l	ISO 12185	0.835
Flash Point (COC) °C	ISO 2592	210
Colour	ASTM D1500	L0.5
Water Separation minutes	ASTM D1401	20
TOST life hours minimum	ASTM D943	5 000
Pour Point °C	ISO 3016	-42

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

• Health and Safety

Shell Tellus S2 VX hydraulic fluid is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <http://www.epc.shell.com>

• Protect the Environment

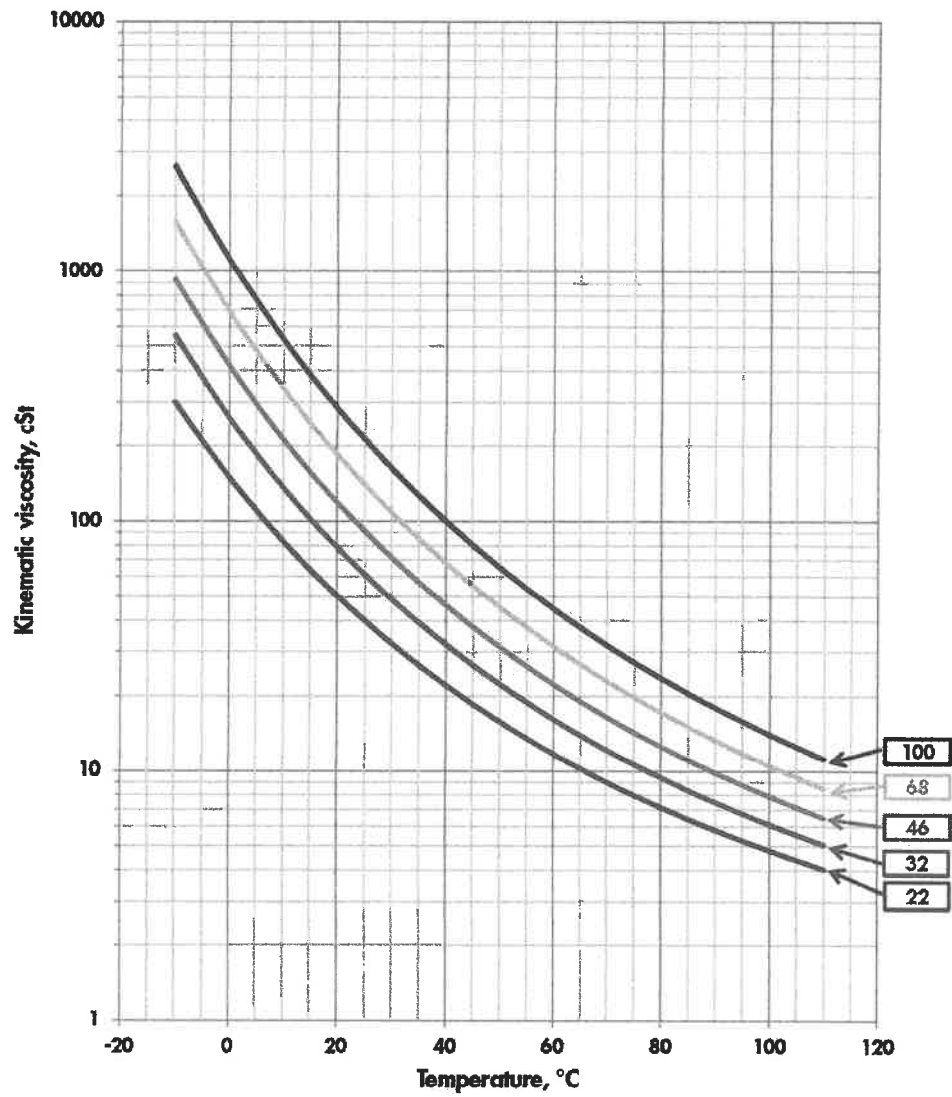
Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

• Advice

Advice on applications not covered here may be obtained from your Shell representative.

Viscosity - Temperature Diagram for Shell Tellus S2 VX





PRODUCT BULLETIN

PROMAX AW Hydraulic Fluids

PRODUCT # 121, 138, 143, 144, 145, 649, 663

Cam 2 PROMAX Anti-Wear Hydraulic Fluids are general purpose hydraulic fluids formulated with refined paraffinic base oils to provide excellent anti-wear protection, oxidation and corrosion inhibition, as well as foam and aeration suppression. All grades have excellent demulsibility characteristics.

Hydraulic systems, due to the nature of their operation, experience accelerated wear unless they are protected by clean, high quality anti-wear hydraulic oils. Surging pressures in pumps and valves can increase metal-to-metal contact unless anti-wear protection is present. The anti-wear additives in PROMAX AW Hydraulic Fluids create a protective film on the metal surfaces. This protective film minimizes metal-to-metal contact, which is most severe in vane- and gear-type pumps. As hydraulic pressures increase, the need for anti-wear protection increases proportionally.

Specially formulated to suppress foaming while also allowing rapid air release, improving hydraulic system performance and helping to prevent pump cavitation. Oxidation inhibitors provide control of sludge and varnish deposits, and increase service life.

PROMAX AW Hydraulic Fluids are suitable for use where service requirements are light to moderate, and heavy-duty wear or long-term service is not critical, and is available in viscosity grades ISO 15 to ISO 150. When used in the proper grade, it will provide excellent service in hydraulic systems and air compressors, industrial bearings, hoists and machine tools, and circulating, splash, bath and ring lube systems for bearings and gears.

FEATURES

- **Good oxidation stability** — Provide good service life in high pressure service.
- **Rust and corrosion protection** — Excellent protection against corrosion of both copper and steel, and passes the ASTM D665A
- **Good foam inhibition** — Contain special foam suppressant, minimizing both foaming and aeration problems.
- **Excellent anti-wear properties**
- **Meets major pump manufacturer's requirements** — ISO 32, 46 and 68 meet the requirements of leading hydraulic pump manufacturers for anti-wear type hydraulic fluids in both vane- and piston-type pumps.
- **Good stability in the presence of water** by ASTM D2619 Hydrolytic Stability test and Denison Hybrid T6H20C Wet Pump test.
- **Good thermal stability** in the presence of copper and steel.
- **Fast water separation** — Minimize rust problems by fast release of water.

APPLICATIONS

CAM 2 PROMAX Hydraulic Oils have shown suitable performance for:

- Eaton-Vickers 694 for 35VQ25A (formerly M-2950-S (Mobile) and I-286-S (Stationary)) (ISO 32, 46, 68)
- Parker Hannifin (Denison) HF0/T6H20C (ISO 32, 46, 68)
- Bosch Rexroth Racine Model S (ISO 32, 46, 68)
- ASTM D6158 HM (ISO 32, 46, 68, 100, 150)
- DIN 51524-2 (ISO 32, 46, 68)
- ISO 11158 HM
- US Steel 126 and 127 (ISO 32, 46, 68)
- Fives P-68, P-69, P-70 (ISO 32, 46, 68)
- GM LS-2 (ISO 32, 46, 68)



CAM2 INTERNATIONAL, LLC

211 Violet Street Suite 100 • Golden, CO 80401 Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com



PRODUCT BULLETIN PROMAX AW Hydraulic Fluids

PRODUCT # 121, 138, 143, 144, 145, 649, 663

TYPICAL CHARACTERISTICS

ISO Viscosity Grade	Test Method	15	22	32	46	68	100	150
Product Code		121	663	143	144	145	649	138
Viscosity, cSt @ 40°C	ASTM D-445	15	22	32	46	68	100	150
Viscosity Index	ASTM D-2270	>90	>90	>90	>90	>90	>90	>90
Pour Point, °C (°F)	ASTM 5949	-36 (-33)	-32 (-25)	-32 (-25)	-29 (-20)	-29 (-20)	-15 (+5)	-12 (+10)
Flash Point,(°C)	ASTM D-92	216	220	220	226	235	248	253
Color	ASTM D-1500	2.0 max	2.0 max	2.0 max	2.0 max	2.5 max	2.5 max	3.5 max
Oxidation Life Hrs to 2.0 Acid No	ASTM 943	-	-	>2500	>2500	>2500	>2000	>1500

The above characteristics are typical of current production. While production will conform to CAM2's specification, slight variations may occur and do not affect performance.

Special Handling, Notices, or Warnings

Avoid contact with skin. Rinse with soap and water immediately after skin contact.

This product is unlikely to present and significant health hazards.

Dispose of used oil properly.

For more information, contact your CAM2 Representative or visit our website @ www.CAM2.com

CAM2 INTERNATIONAL, LLC

211 Violet Street Suite 100 • Golden, CO 80401 Telephone 800/338-2262 • Fax: 303/679-8988
www.CAM2.com

PRODUCT BULLETIN

MPT Torque Fluid TO-4

PRODUCT #525, 526, 527

MPT Torque Fluid TO-4 delivers excellent performance in a wide range of hydraulic systems and components using various multi-metal designs. The product also provides effective low and high ambient temperature performance due to high viscosity index. Its' excellent oxidation resistance delivers good performance at higher temperatures and extended operating intervals. High levels of anti-wear protection result in extended equipment life and fewer breakdowns.

CAM2 TO-4 Fluids are heavy duty lubricants formulated for use in transmission and final drives requiring Caterpillar TO-4 or Allison C-4 fluids. MPT Torque TO-4 Fluids can also be used in wet brakes, hydrostatic transmissions, torque converters, and hydraulic systems calling for TO-4 or C-4 Fluids. They are formulated to work in both newly developed and older design drive train components.

APPLICATIONS

CAM2 MPT Torque Fluid TO-4 is designed for use in:

CAT TO-4

Allison C-4

ZF TE-ML 03C / 07F

API GL-3

Komatsu-Dresser

Eaton Fuller Transmissions

Dana/Spicer Transmissions

Rockwell Transmissions

Euclid Equipment

Vickers M-2950S / 35VQ25

FEATURES

- Multi-purpose lubricant designed for use in transmissions, final drives, wet brakes, and hydraulic systems
- Available in 3 viscosity grades (10W; 30, 50) to meet varied operating needs
- Excellent oxidation resistance and sludge control
- Provides anti wear performance and corrosion protection for gears, hydraulic and pump components
- Controlled friction properties that minimizes chatter in wet brakes, extends clutch life, and transmission slippage control.
- Excellent performance in high load operations and also extreme temperatures

MPT Torque TO-4 Fluid

Property	Test Method ASTM -D	SAE Viscosity Grade		
		10W	30	50
Product Code		525	526	527
API Gravity	1298	30.1	28.6	26.4
Viscosity				
cSt @ 40°C	D445	29.1	84.5	188.9
cSt @ 100°C		5.0	9.85	17.0
VI	2270	95	95	95
Flash Point, °C/ °F	D 92	210/410	227/440	229/445
Pour Point, °C/ °F	D 97	-36/-33	-27/-17	-10/8

CAM2 INTERNATIONAL, LLC

211 Violet Street Suite 100 • Golden, CO 80401

Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com



PRODUCT BULLETIN

ATF DEXRON III/MERCON

PRODUCT #309

CAM2 ATF D/M is a multipurpose automatic transmission fluid especially designed to meet the service requirements of a wide variety of applications. Designed for newer generation, electronically controlled transmissions. It is suitable for use in transmissions built by General Motors, Daimler Chrysler, Ford (except where Type F required), and most foreign manufacturers, where a DEXRON[®] III H, DEXRON[®] III G, DEXRON[®] IIE, MERCON[®], or Type A Suffix A performance level transmission fluid is specified.

CAM2 ATF D/M meets the performance requirements of Allison Transmission Division C-4 and V-730D specifications for transmission/torque converter fluids. With an operating temperature range between -40 °F to 320 °F, D/M meets most major hydraulic manufacturers' requirements for anti-wear hydraulic fluids. It is suitable for use with Sundstrand, Bosch-Rexworth, Vickers, and Denison (except certain axial pumps) hydraulic pumps.

FEATURES

- Superior cold temperature performance characteristics
- Wide range of seal compatibility
- Excellent wear protection and oxidation resistance
- Fortified against rust and corrosion
- Meets requirements for foam protection
- Superior frictional characteristics with excellent friction retention and smooth shifting
- Superior to 10W engine oils commonly used in mobile hydraulics
- Broad range of applications

APPLICATIONS

CAM2 ATF D/M recommended for applications requiring:

- DEXRON[®] III H, DEXRON[®] III G, DEXRON[®] IIE, MERCON[®], or Type A Suffix A
- MERCON[®], M2C138-CJ or M2C 166-H Fluids
- When Allison C-4 Fluids and Caterpillar TO-2 Fluids
- BMW & VW 4- & 5-speed automatic transmissions
- MB 236.1/.5/.6/.7
- Honda Z1
- JASO 1A
- MAN 339 Z-1
- Mitsubishi SP-II, SP-III
- Nissan Matic D, J
- Toyota T-III, T-IV
- Voith 55.6335
- ZF TE-ML-14A



See additional Applications and Technical Data on pg 2.

CAM2 INTERNATIONAL, LLC
211 Violet Street Suite 100 • Golden, CO 80401
Telephone 800/338-2262 • Fax: 303/679-8988
www.CAM2.com



PRODUCT BULLETIN

ATF DEXRON III/MERCON

PRODUCT #309

APPLICATIONS (continued)

CAM2 ATF D/M can also be used in:

- **Chrysler transmissions except where Chrysler MS-9602 or MS-7 176 is required (top-off is acceptable)**
- **All 1979 or newer transmissions built by Ford (exceptions: Ford FMX and pre-1980 C-4 transmissions and where Mercon V is required)**
- **Hydraulic and compressor systems where low temperature flowability is required**
- **Many powershift transmissions, torque converters and hydrostatic transmissions**

*CAM2 ATF D/M Automatic Transmission Fluid cannot be used in GM transmissions requiring the use of DEXRON® VI automatic transmission fluid. CAM2 ATF DEXRON® VI should be used in these applications. Always consult your owner's manual for recommendations.

TECHNICAL DATA

Product Code	309
Gravity, API, ASTM D 287	32
Pounds per Gallon	7.2
Flash Point, COC, °F (°C) ASTM D 92	365 (185)
Fire Point, COC, °F (°C) ASTM D 92	428 (220)
Viscosity cSt, ASTM D 445, at 40°C	32.8
Viscosity cSt, at 100°C	7.2
Viscosity cP, at -40°C, ASTM D2983	17,500
Viscosity cP, at -20°C	1,150
Viscosity Index, ASTM D 2270	192
Pour Point, °F (°C) ASTM D 97	-54 (-48)
Color	Red

Contact your CAM2 representative or CAM2 distributor for additional information.

CAM2 INTERNATIONAL, LLC
211 Violet Street Suite 100 • Golden, CO 80401
Telephone 800/338-2262 • Fax: 303/679-8988
www.CAM2.com



PRINT



SAVE AS PDF

MAG 1® LOW VISCOSITY MULTI-VEHICLE TRANSMISSION FLUID

PASSENGER CAR TRANSMISSION PRODUCTS AUTOMATIC TRANSMISSION PRODUCTS



MAG 1 Low-Viscosity Automatic Transmission Fluid is a balanced advanced formula utilizing superior additive technology and 100% synthetic base oils, helping to ensure peak performance of almost any automatic transmission.

PROTECTION FOR TODAY'S AUTOMATIC TRANSMISSION DESIGNS

Automotive transmissions have evolved dramatically, requiring highly specialized fluids for unique applications. One brand has evolved right alongside – MAG 1®. Only the most advanced transmission fluids meet the difficult challenges of effectively balancing performance, strength and durability.

Featuring MAG 1® with FMX® Technology – Friction Management for Xtreme protection™. MAG 1 is designed to provide unsurpassed protection.

PERFORMANCE

- Delivers superior friction stability to maintain smooth, consistent shifting and prevent shudder.

STRENGTH

- Provides a strong oil film to prevent metal-to-metal contact between rotating parts to prevent wear.

DURABILITY

- Resists thickening due to high operating temperatures.

APPLICATIONS

MAG 1 Low-Viscosity Multi-Vehicle ATF is licensed by GM and Ford for use where Dexron®-VI and MERCON® LV transmission fluids are recommended. Additional applications may include:

- Audi/VW: G 052 025, 052 162, 055 025, GUS 000 162
- GM DEXRON®III, II
- Honda: DW-1, Z-1
- Hyundai/Kia/Mitsubishi: SP-II, SP-III, SP-IV
- Mazda ATF M-III, MV, T-IV
- Nissan: Matic-D, J, K, 402
- Subaru: ATF, ATF-HP
- Toyota: WS, T-IV, T-III, T-II

INDUSTRY/OEM SPECIFICATIONS

Dexron VI	Approved
Mercon LV (XT-10-QLV)	Approved
Allison TES-389	MAG 1 Recommends this product for use in applications calling for this specification
BMW P/N 83 22 0 024 359, ETL-8072B	Meets Requirements
GMN10060	Meets Requirements
Mercon, Ford ESP-M2C166-H	SFU, Vis Requirements not met
XT-6-QSP, XT-6-DSP, except 6HP26 / 6R60/ 6R75 transmissions	SFU, Vis Requirements not met
Allison C-3	Suitable for Use
Allison C-4	Suitable for Use
Audi 5 HP LT71141, G 052162-A1/A2, G052 025 A2	Suitable for Use
Audi G 052 025, 052 162, 055 025	Suitable for Use
BMW 7045E, LA2634, LT71141	Suitable for Use
BMW JWS 3309, LA2634, ZF 5HP18FL, 5HP24, 5HP30, Mini	Suitable for Use
BMW P/N 83 22 0 0246 922, ETL-7045E	Suitable for Use
BMW P/N 83 22 0 403 249, ETL-8072B	Suitable for Use
BMW P/N 83 22 9 407 765, LA 2634	Suitable for Use
BMW P/N 83 22 9 407 807, LT 711 41	Suitable for Use
Chrysler 8 and 9 speed transmissions	Suitable for Use
Chrysler AS68RC, AS69RC (T-IV), Diamond SP-III	Suitable for Use
Chrysler P/N 05127382AA, P/N 68043742AA	Suitable for Use
Daewoo LT 71141	Suitable for Use
Daihatsu AMMIX ATF D-II, D-III SP	Suitable for Use
Dexron III G/H, Dexron II, Dexron, AW1	Suitable for Use
Esso 71141	Suitable for Use
Fiat T-VI, JWS 3309	Suitable for Use
Ford FNR5	Suitable for Use
Ford M2C138-CJ	Suitable for Use
Ford M2C166H, 138CJ, 922A1, 924A, JWS 3309	Suitable for Use
Fuchs 3353	Suitable for Use
FUSO ATF-II, SPIII, A4	Suitable for Use
Honda DW-1, Z-1	Suitable for Use
Hyundai/Kia/Mitsubishi Diamond SP-II and SP-III, RED-1, SP-IV	Suitable for Use
Hyundai/Kia SP-IV M, RR Dex-II/SP-II, JWS 3314, 9683	Suitable for Use
Hyundai NSWS9638	Suitable for Use
IDEMITSU APOROIL ATF HP	Suitable for Use
ISUZU 08200-9001 / Genuine ATF	Suitable for Use
Jaguar ATF 3403 M115, LT71141, ZF 5HP24, JLM20238	Suitable for Use
Jaguar P/N WSS-M2C922-A-1	Suitable for Use
Jaso M315-2013 1A, 1A-LV, 2A	Suitable for Use
JWS 3309, Any 3309	Suitable for Use
JWS 3324	Suitable for Use
Lexus JWS 3309	Suitable for Use
M315-2004 JASO 1A, 2A	Suitable for Use
MAN 339 Type V2	Suitable for Use
MAN 339 Type Z1, Z2, V1	Suitable for Use
Mazda ATF D-II, M-III, M-V, FZ, F-1, S-1, N-1, 3317	Suitable for Use
Mazda ATF M-III, MV, T-IV	Suitable for Use
MB 223.2, 236.1, 236.2, 236.10, 236.12, 236.41, 236.5, 236.6, 236.7, 236.8, 236.9	Suitable for Use

Mini Cooper T-IV	Suitable for Use
MINI P/N 83 22 0 402 413	Suitable for Use
Mitsubishi Diaqueen SK, AW, J2, J3, PA	Suitable for Use
Mitsubishi MA-1	Suitable for Use
Mopar AS 68 RC, JWS 3309	Suitable for Use
NAG-1	Suitable for Use
Nissan Matic-D, J, K	Suitable for Use
Nissan Matic, J, S	Suitable for Use
Opel	Suitable for Use
Peugeot ZF 4HP20	Suitable for Use
Porsche P/N 999 917 547 00 (A2)	Suitable for Use
Porsche ZF 5HP19FL, ZF 5HP20, LT71141, ATF 3403-M115, T-VI, JWS 3309	Suitable for Use
SAAB P/N 22 717 466, 93 165 147 (AW-1)	Suitable for Use
Saturn P/N 21005966	Suitable for Use
Saturn T-IV, GM TASA, T-IV ATF, GM WS ATF	Suitable for Use
Scion	Suitable for Use
Shell 3403, LA2634, Texaco 7045-E, ETL-8072B	Suitable for Use
Shell 3403 M115	Suitable for Use
Subaru ATF 5AT, Dex II, AT OIL 5D06,	Suitable for Use
Subaru ATF, ATF-HP	Suitable for Use
Suzuki ATF 2326, 2384K, JWS 3309, 3314	Suitable for Use
Texaco N402	Suitable for Use
Toyota D-II, D-III	Suitable for Use
Toyota T-II, T-III, T-IV, WS, Ford XT8QAW	Suitable for Use
Type A	Suitable for Use
Voith 55.6335 (G607)	Suitable for Use
Volvo Passenger Car (4 / 6 sp), Volvo 97340, 97341, 97342	Suitable for Use
Volvo P/N 1161540-8	Suitable for Use
VW 5 HP ZF5 HP 30, 18FL, 30, 19FL, 24A, G-055-025 A2, TL 521 62	Suitable for Use
VW G 052 025, 162, 099, 055 025	Suitable for Use
VW P/N GUS 000 162	Suitable for Use
VW TL52162 (LT71141)	Suitable for Use
ZF 845RE / 870RE, ZF 8HP45 / 8HP70 / 8HP90	Suitable for Use
ZF all 3 & 4 speed trans.	Suitable for Use
ZF TE-ML 02F, TE-ML 03D, TE-ML 04D, TE-ML 09, TE-ML 11A	Suitable for Use
ZF TE-ML 14A, TE-ML 14B, TE-ML 14C, TE-ML 16L, ZF TE-ML 17C	Suitable for Use
CAT T0-2	Suitable For Use
Hino Blue Ribbon ATF	Suitable For Use
ISUZU BESCO ATF-II, III	Suitable For Use

*Allison TES-389 is a registered trademark of Allison Transmissions, Inc.

TYPICAL PROPERTIES

Brookfield Viscosity at -40°C, cP	ASTM D2983	10,300
Color	ASTM D1500	Red
Flash Point °C	ASTM D92	220
Flash Point °F	ASTM D92	428
Gravity, °API	ASTM D287	35.60
Pour Point °C (°F)	ASTM D5950	-51°C (-60°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8468

Viscosity @ 100°C cSt	ASTM D445	5.797
Viscosity @ 40°C cSt	ASTM D445	28.56
Viscosity Index	ASTM D2270	151

CONTAINER/BULK AVAILABILITY

6/1 Quart	Product Number - 64092
6 Gallon Enviro Box®	Product Number - 65449
55 Gallon Drum	Product Number - 64094
330 Gallon Tote	Product Number - 65480

Available in Bulk

Information accurate as of November 11, 2025

PRODUCT INFORMATION



VALVOLINE™ ULV® FULL SYNTHETIC TRANSMISSION FLUID

Valvoline ULV Full Synthetic Automatic Transmission Fluid (ATF) is specifically formulated for today's technologically sophisticated high-speed transmissions that require ultra-low viscosity (ULV) fluids. Valvoline ULV ATF is formulated with premium synthetic base stocks, long-life friction modifiers, special anti-wear additives, and shear stable viscosity modifiers to meet the performance requirements of the latest 9 and 10 speed transmission designs, including the Ford 10R80 found in select Ford F-150 and Raptor Trucks.

The Valvoline ULV Automatic Transmission Fluid Advantages:

- Premium full synthetic fluid to achieve low viscosity and minimize deposits
- Excellent thermal and oxidation performance
- Excellent anti-shudder durability
- Excellent anti-wear performance to prevent gear wear
- Excellent metal-metal friction protection
- Designed to provide excellent torque transfer

Recommended in applications requiring Dexron* ULV or Mercon* ULV Fluids:

Ford® 10R60
Ford® 10R80
GM® 10L80 and 10L90

Typical Properties:

	ULV
KV100 (cSt)	4.45
KV40 (cSt)	19.41
Viscosity Index	146
Pour Point, C°	-57
Specific Gravity @ 60°F	0.848
Brookfield Viscosity @ -40°C, cP	4,780
Appearance	Red

* Registered Trademark of Ford Motor Company and General Motors Company

Effective Date:
11/13/25

Author:
KD

PRODUCT INFORMATION



VALVOLINE™ SYN GARD™ 668 TRANSMISSION FLUID

Valvoline SYN GARD 668 Automatic Transmission Fluid (ATF) is an **approved** full-synthetic heavy-duty automatic transmission fluid for use in Allison Transmissions. This fluid is formulated to meet and exceed the requirements of modern-day transmissions where lubricants encounter very harsh conditions to provide extended drain capability. **SYN GARD 668 ATF** is approved for all TES 668 applications and is backwards compatible for TES 295 applications, including the Allison 1000 - 4000 series, and TC10 transmissions. It is also recommended for use in applications calling for TES-468 such as the H 40/50 EP Series transmissions.

Valvoline SYN GARD 668 ATF is recommended for Allison transmissions and similar applications calling for TES-668, TES-295, TES-468 and TES-389 approved fluids.

Valvoline SYN GARD 668 Automatic Transmission Fluid Advantages:

- Formulated to deliver outstanding oxidative stability performance
- Exceptional anti-wear performance to keep transmission hardware from wearing out
- Excellent friction durability for extended life
- Outstanding performance in both cold-start and heavy load conditions
- Enhanced protection from corrosion
- Extended oil drain interval capable

Recommended for the following applications:

TES-668 Approved App Num: 668-10112021	ATF +
	DEX-IIIH
	Ford WSS-M2C922-A1
	Voith H55.6335.xx
	Voith DIWA NXT Extended Drain Interval (For NA Market)
	Volvo 97341

Typical Properties:

KV100 (cSt)	6.8
KV40 (cSt)	33.3
Viscosity Index	168
Density (g/cm ³)	0.8508
Flash Point (°C)	205
TBN (mg KOH/g)	4.7
Gear Scuffing Wear Test (FLS)	>12

Part Numbers:

Bulk	896029
55 Gallon Drum	896083
Tote	896081
Pail	896085
1 Gallon	901115

This information only applies to products manufactured in the following location(s): North America.

Effective Date:
11/14/25

Author:
KD

MAG 1® CONTINUOUSLY VARIABLE TRANSMISSION FLUID

PASSENGER CAR TRANSMISSION PRODUCTS AUTOMATIC TRANSMISSION PRODUCTS



MAG 1 CVT Fluid is specially formulated with a unique combination of full synthetic base stocks and an advanced additive technology designed for the specific demands of CVTs. This premium-quality product is recommended for use in most belt or chain-driven CVTs. It is not a replacement for ATF.

PROTECTION FOR TODAY'S AUTOMATIC TRANSMISSION DESIGNS

Automotive transmissions have evolved dramatically, requiring highly specialized fluids for unique applications. One brand has evolved right alongside – MAG 1®. Only the most advanced transmission fluids meet the difficult challenges of effectively balancing performance, strength and durability.

Featuring MAG 1® with FMX® Technology – Friction Management for Xtreme protection™. MAG 1 is designed to provide unsurpassed protection.

PERFORMANCE

- Delivers superior friction stability to maintain smooth, consistent shifting and prevent shudder.

STRENGTH

- Provides a strong oil film to prevent metal-to-metal contact between rotating parts to prevent wear.

DURABILITY

- Resists thickening due to high operating temperatures.

APPLICATIONS MAY INCLUDE:

- Audi/VW (TL 521 80; G 052 180, TL 521 16; G 052 516)
- BMW Mini Cooper (EVL 779)
- Dodge/Jeep/Chrysler (NS-2 / CVTF+4)
- Honda (HMMF, HCF2)
- Hyundai/Kia (CVTF-J1)
- Mazda (JWS 3320)
- Mercedes Benz (236.20)
- Mitsubishi (CVTF-J1, CVTF-J4)
- Nissan (NS-1, NS-2, NS-3)
- Punch CVT
- Subaru (iCVT, iCVT FG, eCVT, Lineartronic CVT and CVT II)
- Suzuki (CVTF TC, NS-2, CVT Green 1)

- Toyota (CVTF TC, CVTF FE)

INDUSTRY/OEM SPECIFICATIONS

Audi/VW (TL 52180; G 052 180; G 052 516)	Suitable for Use
BMW 8322 0 136 376/8322 0 429 154(EZL799/EZL 799A)	Suitable for Use
Daihatsu Amix CVTF-DC, Daihatsu AMIX CVTF-DFE	Suitable for Use
Dodge / Jeep (NS-2 / CVTF+4/Mopar CVT 4)	Suitable for Use
Ford CFT30/WSS-M2C933-A /Motorcraft XT-7-QCFT	Suitable for Use
GM/Saturn (DEX-CVT, CVTF I-Green2)	Suitable for Use
Honda (HMMF, HCF-2)	Suitable for Use
Hyundai/KiaCVTF (SP-CVT 1)	Suitable for Use
Mazda CVTF 3320	Suitable for Use
Mercedes Benz (236.20)	Suitable for Use
Mercedes Benz CVT28/MB-Approval 236.20	Suitable for Use
Mini Cooper (EZL 799/ EZL 799A/ZF CVT V1)	Suitable for Use
Mitsubishi (CVTF-J1)	Suitable for Use
Mitsubishi DiaQueen (CVTF-J1, CVTF-J4)	Suitable for Use
Nissan (NS-1, NS-2, NS-3)	Suitable for Use
Punch EZL 799/EZL 799A	Suitable for Use
Renault ELFMATIC	Suitable for Use
Shell Green 1V	Suitable for Use
Subaru (NS-2 / Lineartronic CVTF, i-CVTF,K0425Y0710) e-CVTF	Suitable for Use
Suzuki (TC / NS-2 / CVTF Green 1, CVTF Green 2, CVTF 3320)	Suitable for Use
Toyota (TC, FE)	Suitable for Use

TYPICAL PROPERTIES

Brookfield Viscosity at -40°C, cP	ASTM D2983	12,300
Color	ASTM D1500	Amber
Flash Point °C	ASTM D92	199
Flash Point °F	ASTM D92	390
Gravity, °API	ASTM D287	34.23
Pour Point °C (°F)	ASTM D5950	-51°C (-60°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8538
Viscosity @ 100°C cSt	ASTM D445	7.21
Viscosity @ 40°C cSt	ASTM D445	33.8
Viscosity Index	ASTM D2270	185

CONTAINER/BULK AVAILABILITY

6/1 Quart	Product Number - 63318
------------------	-------------------------------

Available in Bulk

Information accurate as of November 11, 2025



PRODUCT BULLETIN

PROMAX™ Premium Universal Tractor Hydraulic Fluid

PRODUCT #165

CAM2 PROMAX™ Premium Universal Tractor Hydraulic Fluid is a premium quality tractor hydraulic fluid blended from highly refined base stocks and formulated for long-term service under severe conditions. It is designed for use in equipment utilizing a common pump or requiring a single fluid for final drive, transmission, differential power take-off (PTO) units and wet brake systems.

CAM2 PROMAX™ Premium Universal Tractor Hydraulic Fluid, through the use of premium quality base stocks and up to date additive technology, is formulated to provide the highest levels of protection available. **CAM2 PROMAX™ Premium Universal Tractor Hydraulic Fluid** has been specifically formulated to meet the above applications resulting in one fluid for many transmission/torque converter and hydraulic fluid requirements. Equipment manufacturer recommendations and conventional guides to lubricant selection should be followed to determine the suitability of **CAM2 PROMAX™ Premium Universal Tractor Hydraulic Fluid** for a specific application.

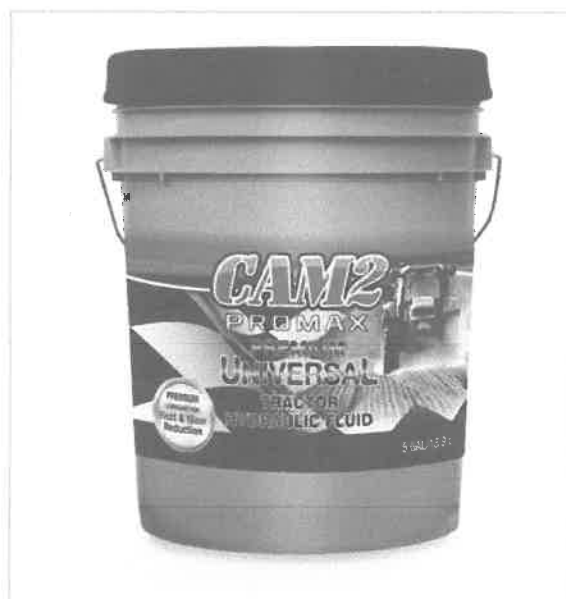
FEATURES

- Excellent extreme Pressure (EP) properties
- Excellent oxidation resistance and corrosion protection
- Excellent anti-foam properties
- Excellent low temperature performance characteristics
- Helps maintain seals and gaskets used in modern tractors
- Superior detergent/dispersant package keeps system cleaner for longer life
- Eliminates brake chatter
- Controlled frictional characteristics permit the wet brakes to hold properly and allows smooth engagement of power take-off (PTO)clutches

TECHNICAL DATA

Product Code	165
API	GL-4
SAE Grade	10W-30
Brookfield Viscosity, D-2893 cP@-20°C	3,000
Viscosity @ 100°C, cSt	9.2
Viscosity @ 40°C, cSt	53
Pour Point: °C/°F	-42/-43.6
Viscosity Index	135
API Gravity	32
Flash Point, COC, °C/°F	204/400

See Applications on pg 2.



CAM2 INTERNATIONAL, LLC

685 Haining Road, Vicksburg, MS 39183 USA • Tel: 800-338-2262
www.CAM2.com



PRODUCT BULLETIN

PROMAX™ Premium Universal Tractor Hydraulic Fluid

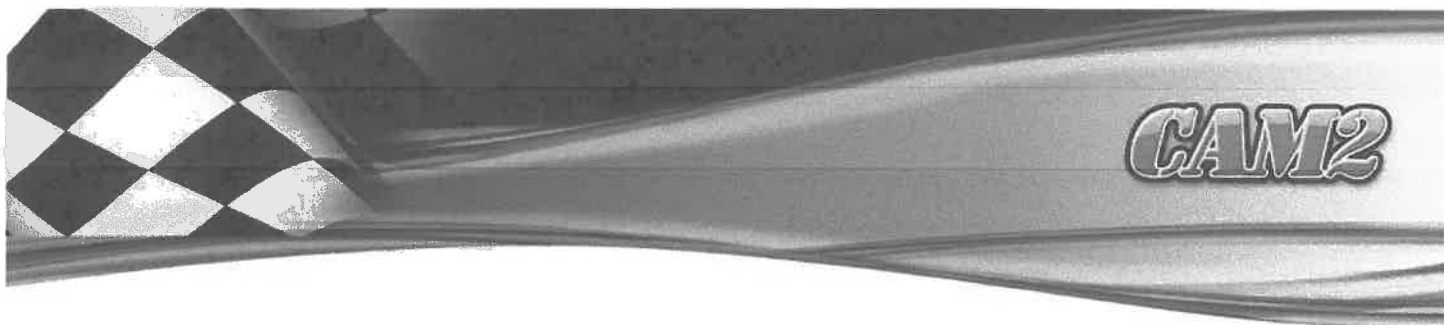
PRODUCT #165

AGCO	821XL
ALLISON	C2, C3, C4
CATERPILLAR	TO-2
CNH MAT	3505, 3510, 3525, 3526 (All Season), 3540
DEUTZ-ALLIS POWER FLUID	821XL, 25741, 25743, 246634, 272843
DRESSER	—
FIAT HESTON	AF-87
FORD	ESN-M2C-86 A-C, FNHA-2-C-200, FNHA-2-C-201, M2CA-C, ESN-M2C134A-D (NH-410B), ESN-M2C86A, B, & C, ESN-M2C-41, 41A & B, & 43, ESN-M2C-48 B & C, ESN-M2C53 A & B, ESN-M2C-77A, 78A, 79A ESN-M2C-142A, ESN-M2C-143, ESN-M2C-92A, ESN-M2C-159 A-C, New Holland M4864 A & B, New Holland 82948718
INDUSTRY OF MACHINERY AND TRACTORS (IMT)	—
CASE IH	HY-TRAN B-6, HY-TRAN PREMIUM, AKCELA HY-TRAN ULTRACTION, CASE-O-MATIC TYPE A, MS-143, 144, 145 INTERNATIONAL FAMALL (TCH FLUID), MS-185 (TFD FLUID), MS1204-1205 (POWERGARD PFT), MS1206 (POWERGARD PFT), MS1207, MS1209 (HYTRAN ULTRA OR MULTITRAN), MS1210, MS-1216, MS-1230 (POCLAIN EQUIPMENT), MS-1317
JOHN DEERE	JTD 303, J14A-C, J20A, J20B, J20C, J21A
KIOTI	TRACTOR
KOMATSU-DRESSER	B06.0002
KUBOTA	UDT, SUPER-UDT
LANDINI	TRACTOR
LEYLAND FOR UTTO ONLY	TRACTOR
MASSEY FERGUSON	1103A & B, M1110, 1127, 1127 A&B, M1129, M1129A (PERMATRAN), M1135 (PERMATRAN III), M1138, M1141, M1143, M1139 (STOU), M1144 (STOU), M1145
PARKER	(DENISON UTTO) HF-0, HF-1, HF-2
QUATROL	THF BRAND
RENK-DOROMAT	87.3 & 874A/B
SAUER SUNSTRAND	DANFOSS & HYDRO STATIC TRANS FLUID
SPERRY VICKERS EATON	I-286S INDUSTRIAL HYDRAULICS, M2950S MOBIL HYDRAULICS
STEIGER	HTF (SEMS 17001)
VALMET	TRACTOR
VALTRACTORES	—
VERSATILE GEAR AND HYDRTRANS FLUID	23M, 24M
VICKERS	35VQ25, PUMP TEST
WHITE/MINNEAPOLIS-MOLINE/	55, 5J, Q-1705, Q-1722, Q-1766, Q-1766B, Q-1802, Q-1826
OLIVER/NEW IDEA	Q-1766B, Q-1802, Q-1826
YANMAR	TRACTOR

CAM2 INTERNATIONAL, LLC

685 Haining Road, Vicksburg, MS 39183 USA • Tel: 800-338-2262

www.CAM2.com



PRODUCT BULLETIN

S-K Railroad & Marine Engine Oil 10 TBN

PRODUCT #650, 651

CAM2 S-K Railroad and Marine Engine Oil is a superior, Low Ash Heavy Duty engine oil formulated to address the emerging fuel and emission standards coming to large, medium speed locomotive, marine vessels, and electric-powered generators. It is designed for Progress Rail (formerly EMD) and GE Tier 4 engines used in a wide range of railroad, inland marine, mining and stationary engine applications. CAM2 EMD Railroad and Marine Engine Oil is suitable for use where LOMA Gen 7 and GE Tier 4 is required.

CAM2 S-K Railroad and Marine Engine Oil contains a Silver allow compatible thermally stable ashless additive package with an extremely shear-stable viscosity improver to protect under conditions of extreme heat in today's smaller engines which create more heat and pressure than previous generation. The ashless formulation is designed with no zinc nor chlorine to meet stringent government regulations. This also allows for use with alternate fuels such as distillates and asphaltenes. The protection afforded by this unique additive technology allows **CAM2 S-K** to provide protection beyond that of a normal SAE 40 grade lubricant by controlling film thickness on critical engine parts such as Top Ring pistons.

The combination of premium synthetic and highly refined mineral base oils eliminate wax formation allowing the engine to reduce emissions and oil consumption. These heavy weight base stocks also drastically reduce volatility in high-temperature areas of the engine leaving thicker layers of the protective films which reduce wear and improve fuel economy. Reduced volatility also reduces soot and other deposits that collect to retard and place stress on internal engine components.

FEATURES

- **Improved anti-wear protection:** maintains film thickness under severe operating conditions for maximum engine performance
- **Advanced dispersant technology:** higher soot loading capability, addresses issues with lower oil consumption and longer oil sump residence time
- **Optimized TBN level and retention:** supports extended drains, formulated and OEM approved use with ultra low sulfur diesel fuel, reduced sulfated ash, enhanced particulate emission control (**TBN can be optimized to customer's specific application**)
- **Improved thermal and oxidative stability:** excellent engine cleanliness and sludge control, superior oil viscosity control, minimize oil degradation, effectively addresses increased locomotive utilization rates and power generation
- **Outstanding extreme temperature performance:** wide operating temperature range allows for quick start-up

RECOMMENDATIONS/SPECIFICATIONS

Recommended for use in medium speed, high output turbo-charged late model distillate fueled engines such as EMD, GE, and Caterpillar, both two and four stroke, for use in:

- Military patrol vessels, high speed ferry/passenger vessels, racing boats and luxury yachts
- Life and rescue boat engines, emergency generators, auxiliary engines
- Marine gearing applications where FZG Level 12 is required
- Fully compatible with conventional mineral oils and mineral oil systems
- Can be used in confidence in engines containing silver bearing components due to non-zinc formulation
- Generation 7 engines

CAM2 INTERNATIONAL, LLC

685 HAINING ROAD - VICKSBURG, MS 39183 USA

Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com



CAM2 S-K Railroad and Marine Engine Oils

<i>Property</i>	<i>Test Method ASTM -D</i>	<i>SAE 40</i>	<i>20W-40</i>
Zinc, ppm	6481	<10	<10
Flash Point °C/ °F	92	216/420	216/420
Pour Point °C/ °F	97	-11/12	-22/-7
Low Temp Viscosity cP @-15		N/A	4815
Viscosity cSt @ 100°C	445	13.5	15.2
VI	2270	125	140
Color	1500	7	7
TBN	2896	10	10
Ash	874	<1.0	<1.0

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing.

CAM2 INTERNATIONAL, LLC

685 HAINING ROAD - VICKSBURG, MS 39183 USA

Telephone 800/338-2262 • Fax: 303/679-8988

www.CAM2.com

CAM2[®] MAGNUM[®]

PRODUCT BULLETIN

FULL SYNTHETIC GEAR OIL

PRODUCT #700/ 701/ 702

CAM2 Magnum High Performance Full Synthetic Gear Oils are heavy duty, severe service, thermally stable, extreme pressure gear lubricants designed to operate in both high and low extreme temperature conditions for all season use, even in sub-zero conditions.

CAM2 Magnum High Performance Full Synthetic Gear Oils provide improved fuel economy, extended drain capabilities and are fortified with additives to prevent rust, oxidation and corrosion.

FEATURES/ BENEFITS

- Fortified with additives to prevent rust and oxidation, which reduces wear and extends component life.
- Improved frictional properties lead to better fuel economy and reduced operating costs.
- All Season use even at sub zero temperatures allows ease of start in arctic conditions.
- Foam Resistance maintains film strength for reliable lubrication.
- Excellent Shear Stability results in viscosity retention and film strength under severe operating conditions
- Exceptional Thermal Stability extends gear and bearing life.
- Excellent Limited Slip Performance reduces chatter and improves traction.

APPLICATIONS

CAM2 Magnum High Performance Full Synthetic Gear Oils are recommended for all differentials, manual transmissions, spiral bevel and hypoid gears, axles and drive units. use wherever an API GL-5 and mt-1 are recommended.

RECOMMENDATIONS/ SPECIFICATIONS

- Mack Truck GO-J (80W-140)/GO-J Plus (75W-90) • Eaton Roadranger E500 • General Electric D50E9C
- Harnishfeger (P&H) 474 • U.S. Military Spec. MIL-PRF-2105D & MIL-PRF-2105E
- Arvin Meritor O-76E (75W-90), O-76N

TECHNICAL DATA

SAE GRADE	75W-90	75W-140	80W-90
Product Code	700	701	702
Viscosity @ 40°C, cSt	100	190	265
Viscosity @ 100°C, cSt	14.0	25.6	28
Viscosity Index	149	168	140
API Gravity	7.42	33.1	23.6
Flash Point COC, °C/ °F	215/420	202/396	201/395

CAM2 INTERNATIONAL, LLC

685 Haining Road, Vicksburg, MS 39183 USA • Tel: 800-338-2262

www.CAM2.com

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. ☒ Application is made for 2.5% vendor preference for the reason checked:

☒ Bidder is an individual resident vendor and has resided continuously in West Virginia, or bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia, for four (4) years immediately preceding the date of this certification; or,

☐ Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; or,

☐ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,

2. ☐ Application is made for 2.5% vendor preference for the reason checked:

☐ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

3. ☐ Application is made for 2.5% vendor preference for the reason checked:

☐ Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; or,

4. ☐ Application is made for 5% vendor preference for the reason checked:

☐ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,

5. ☐ Application is made for 3.5% vendor preference who is a veteran for the reason checked:

☐ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,

6. ☐ Application is made for 3.5% vendor preference who is a veteran for the reason checked:

☐ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

7. ☐ Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.

☐ Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

8. ☐ Application is made for reciprocal preference.

☐ Bidder is a West Virginia resident and is requesting reciprocal preference to the extent that it applies.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Pugh Lubricants dba Apollo Oil-Joe Payne

Signed: 

Date: 11-17-25

Title: Territory Business Manager

EXHIBIT_A
PRICING PAGES

CRFQ 0212 SWC2600000004
Oil, Lubricants, Grease
(OIL25)

NOTE: All items on the Pricing Pages must be available to order for any locations throughout the State.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11
LINE ITEM	DESCRIPTION	UNIT OF MEASURE (SIZE/WT) (for information use only and not to be used for calculations)	MANUFACTURER	BRAND BID	ESTIMATED QTY.	UNIT PRICE	Unit of Measure (For calculation purposes only)	EXTENDED PRICE	VENDOR ORDER/PART NUMBER	VENDOR PREFERRED ORDER SIZE/WT.
Example:	Motor oil SAE15W40	55 gal. drum	ABC	DEF	385	\$ 1.00	1 gal.	\$ 385.00	GHIJKL	55 Gal. Drum
	3.1.1 2-CYCLE MOTOR OIL - Chainsaw, Power Mowers, Pumps, & Snowmobiles									
1	Motor oil for lubricating 2 cycle engines in 8 oz. containers (chain saw motor oil) - API TC or equal	8 oz.	ITA2CYC 12/8 OZ	ITASCA	1800	\$ 0.11	1 oz.	\$ 198.00	1000550	12/8 OZ
	3.1.2 OUTBOARD MOTOR OIL									
2	Motor oil for lubricating 2 cycle engines (outboard motor oil) - API TC-W3 or equal	1 qt.	MAGMAR2CYC 6/1 QT	MAG 1	1300	\$ 2.96	1 qt.	\$ 3,848.00	1021035	6/1 QT
	3.1.3 MOTOR OIL SAE (Gas and/or Diesel)									
3	Motor oil SAE30 - CF-4, CF-2 CF/SJ	1 qt.	CAMHD30 12/1 QT	CAM 2	1000	\$ 2.64	1 qt.	\$ 2,640.00	1003758	12/1 QT
4	Motor oil SAE15W40 - CI-4 CF/SJ CI-4, CI-4 PLUS, CH-4, CK-4	1 qt.	CAM1540SH 12/1 QT	CAM 2	100,000	\$ 2.89	1 qt.	\$ 289,000.00	1005941	12/1 QT
5	Motor oil SAE15W40 - CI-4 CF/SJ CI-4, CI-4 PLUS, CH-4, CK-4	1 gal.	CAM1540SH 3/1 GAL	CAM 2	10,000	\$ 12.37	1 gal.	\$ 123,700.00	1000285	3/1 GAL
6	Motor oil SAE15W40 - CI-4, CI-4 PLUS, CH-4, CF-4/SN, SM, CK-4	55 gal. drum	SHE1540T2 DR	SHELL	1210	\$ 12.27	1 gal.	\$ 14,846.70	1002364	55 GAL DRUM
7	Motor oil SAE15W40 - BULK CI-4, CI-4PLUS, CH-4, CF-4/SN, SM, CK-4	BULK 6,000 gallon	SHE1540T2 BK	SHELL	6000	\$ 8.62	1 gal.	\$ 51,720.00	1002319	BULK
8	Motor oil SAE15W40 - FA-4	1 qt.	SHE1030UL 6/1 QT	SHELL	1000	\$ 4.98	1 qt.	\$ 4,980.00	1002339	3/1 GAL
9	Motor oil SAE15W40 - FA-4	1 gal.	SHE1030UL 3/1 GAL	SHELL	1000	\$ 19.91	1 gal.	\$ 19,910.00	1002339	3/1 GAL
10	Motor oil SAE15W40 - BULK - FA-4	55 gal. drum	SHE1030UL DR	SHELL	385	\$ 24.58	1 gal.	\$ 9,463.30	1002356	55 GAL DRUM
11	Motor oil SAE10 - CF/SN CAT TO-2, ALLISON C-4 or equal	5 gallon	CAM105HD PA	CAM 2	2400	\$ 8.02	1 gal.	\$ 19,248.00	1006584	5 GAL PAIL
12	Motor oil SAE10 - CF/SN CAT TO-2, ALLISON C-4 or equal	55 gal. drum	CAM105HD DR	CAM 2	550	\$ 8.37	1 gal.	\$ 4,603.50	1010877	55 GAL DRUM
13	Motor oil 0W20 - GM Dexos 1 Gen 3 EOS-5 approved or Equal	1 qt	MAG020SY 6/1 QT	MAG 1	500	\$ 4.20	1 qt.	\$ 2,100.00	1001260	6/1 QT
14	Motor oil 0W20 - GM Dexos 1 Gen 3 EOS-5 approved or Equal	5 qt	MAG020SY 3/5 QT	MAG 1	1000	\$ 4.20	1 qt.	\$ 4,200.00	1020908	3/5 QT
15	Motor oil 5W20 - GM Dexos 1 Gen 3 EOS-5 approved or Equal	1 qt	CAM520SY 6/1 QT	CAM 2	1500	\$ 3.04	1 qt.	\$ 4,560.00	1000287	6/1 QT
16	Motor oil 5W20 - GM Dexos 1 Gen 3 EOS-5 approved or Equal	5 qt	CAM520SY 3/5 QT	CAM 2	1000	\$ 3.04	1 qt.	\$ 3,040.00	1019179	3/5 QT
17	Motor oil 5W30 - GM Dexos 1 Gen 3 EOS-5 approved or Equal	1 qt	MAG530SY 6/1 QT	MAG 1	1500	\$ 3.66	1 qt.	\$ 5,490.00	1001262	6/1 QT
18	Motor oil 5W30 - GM Dexos 1 Gen 3 EOS-5 approved or Equal	5 qt	MAG530SY 3/5 QT	MAG 1	1000	\$ 3.66	1 qt.	\$ 3,660.00	1020937	3/5 QT
19	Motor oil 5W30 - Synthetic Blend CF/SN ILSAC GF-5	1 qt.	CAM530 12/1 QT	CAM 2	7500	\$ 2.68	1 qt.	\$ 20,100.00	1005146	12/1 QT
20	Motor oil 5W30 - Synthetic Blend - BULK - CF/SN SM, SJ, ILSAC GF-5	55 gal. drum	CAM530 DR	CAM 2	550	\$ 9.91	1 gal.	\$ 5,450.50	1020355	55 GAL DRUM
21	Motor oil 5W30 - GM Dexos approved or Equal	1 qt	MAG530SY 6/1 QT	MAG 1	1000	\$ 3.66	1 qt.	\$ 3,660.00	1001262	6/1 QT
22	Motor oil 5W30 - GM Dexos approved or Equal	5 qt	MAG530SY 3/5 QT	MAG 1	1000	\$ 2.74	1 qt.	\$ 2,740.00	1020937	3/5 QT
23	Motor oil 5W30 -Mack EOS-5 approved or Equal	1 ga	SHE530T6MV 3/1 GAL	SHELL	1000	\$ 27.85	1 gal.	\$ 27,850.00	1006360	3/1 GAL
24	Motor oil 10W30 - CF/SN SM, SJ, ILSAC GF-5	1 qt.	CAM1030 12/1 QT	CAM 2	20000	\$ 2.10	1 qt.	\$ 42,000.00	1005147	12/1 QT
25	Motor oil 10W30 Motorcraft Super Duty or Equal (must meet WSS-M2C171-F1, CES20086, Detroit Diesel 93K2222, Volvo VDS-4.5, & Mack EOS-4.5 standards)	1 qt.	SHE1030T4 6/1 QT	SHELL	5000	\$ 4.40	1 qt.	\$ 22,000.00	1002345	6/1 QT
26	Motor oil 10W30 Motorcraft Super Duty or Equal (must meet WSS-M2C171-F1, CES20086, Detroit Diesel 93K2222, Volvo VDS-4.5, & Mack EOS-4.5 standards)	5 qt.	SHE1030T4 3/5 QT	SHELL	1000	\$ 3.28	1 qt.	\$ 3,280.00	1002345	6/1 QT
27	Motor oil 10W30 - BULK - Motorcraft Super Duty or Equal (must meet WSS-M2C171-F1, CES20086, Detroit Diesel 93K2222, Volvo VDS-4.5, & Mack EOS-4.5 standards)	55 gal. drum	CAM1030HD DR	CAM 2	330	\$ 7.67	1 gal.	\$ 2,531.10	1004468	55 GAL DRUM
28	Motor oil 10W30 - Diesel Engine Service SB (synthetic blend)	1 qt.	SHE1030T4 6/1 QT	SHELL	350	\$ 4.40	1 qt.	\$ 1,540.00	1002345	6/1 QT

EXHIBIT_A
PRICING PAGES

CRFQ 0212 SWC2600000004
Oil, Lubricants, Grease
(OIL25)

NOTE: All items on the Pricing Pages must be available to order
for any locations throughout the State.

29	Motor oil 10W30 - Diesel Engine Service SB (synthetic blend)	1 gal.	CAM1030HD 3/1 GAL	CAM 2	500	\$ 10.63	1 gal.	\$ 5,315.00	1004019	3/1 GAL
30	Motor oil 10W30 - FA-4	1 qt.	SHE1030UL 6/1 QT	SHELL	1000	\$ 4.92	1 qt.	\$ 4,920.00	1002339	3/1 GAL
31	Motor oil 10W30 - FA-4	1 gal.	SHE1030UL 6/1 QT	SHELL	500	\$ 21.61	1 gal.	\$ 10,805.00	1002339	3/1 GAL
32	Motor oil 10W40 - CF/SN	1 qt.	CAM1040 12/1 QT	CAM 2	500	\$ 2.23	1 qt.	\$ 1,115.00	1005142	12/1 QT
33	Motor oil 20W50 - CF/SN	1 qt.	CAM2050 12/1 QT	CAM 2	500	\$ 2.34	1 qt.	\$ 1,170.00	1000291	12/1 QT
34	Synthetic motor oil SAE 5W40 - CF/SN	1 qt.	MAG540SY 6/1 QT	MAG 1	500	\$ 4.88	1 qt.	\$ 2,440.00	1017581	6/1 QT
35	Synthetic motor oil SAE 5W40 - CF/SN	1 gal.	CAM540SY 3/1 GAL	CAM 2	500	\$ 14.75	1 gal.	\$ 7,375.00	1005951	3/1 GAL
36	Synthetic motor oil SAE 10W30 - CF/SN	1 qt.	CAM1030SY 6/1 QT	CAM 2	500	\$ 3.66	1 qt.	\$ 1,830.00	1005950	6/1 QT
37	Synthetic motor oil SAE 5W40 - CI-4, CH-4/SN	1 qt.	VAL540PB 6/1 QT	VALVOLINE	100	\$ 11.82	1 qt.	\$ 1,182.00	1003117	6/1 QT
38	Synthetic motor oil SAE 0W40 - FCA- MS-12633	1 qt.	VAL040SY 6/1 QT	VALVOLINE	500	\$ 8.70	1 qt.	\$ 4,350.00	1002930	6/1 QT
3.1.4 EXTREME PRESSURE (EP) GEAR LUBRICANT										
39	Extreme pressure gear lubricant 80W90 GL-5, MT-1, MACK GO-J or equal	35 lb.	CAM8090 PA	CAM 2	280	\$ 1.66	1 lb.	\$ 464.80	1003698	5 GAL PAIL
40	Extreme pressure gear lubricant 80W90 GL-5, MT-1, MACK GO-J or equal	120 lb.	CAM8090 KG	CAM 2	3360	\$ 1.87	1 lb.	\$ 6,283.20	1003736	120# KEG
41	Extreme pressure gear lubricant 85W140 GL-5, MT-1, MACK GO-J or equal	120 lb.	CAM85140 KG	CAM 2	720	\$ 1.93	1 lb.	\$ 1,389.60	1003737	120# KEG
3.1.5 GEAR LUBRICANT										
42	Gear Lubricant - mineral gear lube 90 GL-1	35 lb.	CAM90GLI PA	CAM 2	385	\$ 1.50	1 lb.	\$ 577.50	1003783	5 GAL PAIL
3.1.6 SYNTHETIC LUBRICANT										
43	SAES0 Powertranz EW 50 EATON PS-164, R7 MACK GO-A PLUS NAVISTAR TMS 6816 or equal	35 lb.	CAMSTF50 PA	CAM 2	350	\$ 2.42	1 lb.	\$ 847.00	1011016	5 GAL PAIL
3.1.7 WHEEL BEARING & CHASSIS GREASE										
44	Wheel bearing and chassis grease summer weight NLGI #2	14 to 14-1/2 oz. tubes	MYS LITHO #2	CITGO	2500	\$ 0.21	1 oz.	\$ 525.00	1005250	10 PACK
45	Wheel bearing and chassis grease summer weight NLGI #2	35 lb.	MYS LITHO #2	CITGO	250	\$ 3.40	1 lb.	\$ 850.00	1000468	35# PAIL
46	Wheel bearing and chassis grease summer weight NLGI #2	120 lb.	MYS LITHO #2	CITGO	1200	\$ 2.21	1 lb.	\$ 2,652.00	1003582	120# KEG

EXHIBIT_A
PRICING PAGES

CRFQ 0212 SWC2600000004
Oil, Lubricants, Grease
(OIL25)

NOTE: All items on the Pricing Pages must be available to order for any locations throughout the State.

	3.1.8 ALL PURPOSE GREASE (MOLY):									
47	All purpose grease (3% moly) water and heat resistant grease NGLI #2	14 to 14-1/2 oz. tubes	MYS LITHO 3% MOL2	CITGO	120	\$ 0.31	1 oz.	\$ 37.20	1009916	10 PACK
48	All purpose grease (3% moly) water and heat resistant grease NGLI #2	35 lb.	MYS LITHO 3% MOL2	CITGO	200	\$ 5.03	1 lb.	\$ 1,006.00	1007569	35# PAIL
49	All purpose grease (3% moly) water and heat resistant grease NGLI #2	120 lb.	MYS LITHO 3% MOL2	CITGO	240	\$ 3.91	1 lb.	\$ 938.40	1004745	120# KEG
	3.1.9 HYDRAULIC OIL (HYDRAULIC HOIST OIL):									
50	Hydraulic oil-light weight RO22 Turbine/Circulating Oil	5 gal.	TELS2V22 PA	SHELL	50	\$ 23.47	1 gal.	\$ 1,173.50	1004966	5 GAL PAIL
51	Hydraulic oil-light weight (AW32)	5 gal.	ECONAW32 PA	PUGH	400	\$ 4.95	1 gal.	\$ 1,980.00	1021379	5 GAL PAIL
52	Hydraulic oil-light weight (AW32)	55 gal. drum	CAMEAW32 DR	CAM 2	110	\$ 9.20	1 gal.	\$ 1,012.00	1005197	55 GAL DRUM
53	Hydraulic oil-medium weight (AW46)	5 gal.	ECONAW46 PA	PUGH	35	\$ 5.13	1 gal.	\$ 179.55	1021377	5 GAL PAIL
54	Hydraulic oil-medium weight (AW46)	55 gal. drum	CAMEAW46 DR	CAM 2	110	\$ 10.82	1 gal.	\$ 1,190.20	1005918	55 GAL DRUM
55	Hydraulic oil-heavy weight (AW68)	5 gal.	ECONAW68 PA	PUGH	200	\$ 4.78	1 gal.	\$ 956.00	1021378	5 GAL PAIL
56	Hydraulic oil-heavy weight (AW68)	55 gal. drum	CAMEAW68 DR	CAM 2	880	\$ 10.93	1 gal.	\$ 9,618.40	1005196	55 GAL DRUM
	3.1.11 CATAPILLAR HYDRAULIC OIL									
57	Hydraulic Oil - CAT HYDO ADVANCED 10 or equal	5 gal	CAMTO410 PA	CAM 2	120	\$ 11.09	1 gal.	\$ 1,330.80	1005692	5 GAL PAIL
58	Hydraulic Oil - CAT HYDO ADVANCED 10 or equal	55 gal. drum	CAMTO410 DR	CAM 2	6,600	\$ 10.88	1 gal.	\$ 71,808.00	1005964	55 GAL DRUM
	3.1.12 TRANSMISSION FLUID									
59	Automatic Transmission Fluid - Multi Vehicle - Dexron II, Mercon, or equal	1 qt.	CAMATFDEX 12/1 QT	CAM2	22000	\$ 2.01	1 qt.	\$ 44,220.00	1003699	12/1 QT
60	Automatic Transmission Fluid - Multi Vehicle - Dexron II, Mercon, or equal	55 gal. drum	CAMATFDM DR	CAM 2	495	\$ 5.50	1 gal.	\$ 2,722.50	1005201	55 GAL DRUM
61	Transmission fluid - CAT T0-4, Allison C-4, or Equal	5 gal.	CAMTO430 PA	CAM 2	350	\$ 11.11	1 gal.	\$ 3,888.50	1005693	5 GAL PAIL
62	Transmission fluid - CAT T0-4, Allison C-4, or Equal	55 gal. drum	CAMTO430 DR	CAM 2	605	\$ 9.55	1 gal.	\$ 5,777.75	1005965	55 GAL DRUM
63	Automatic Transmission Fluid Multi-Vehicle ATF API DEXRON III, MERCON, MERCON V, ATF+3 ATF+4 or equal	1 qt.	MAGATFLVM 6/1 QT	MAG 1	1000	\$ 5.11	1 qt.	\$ 5,110.00	1001283	6/1 QT
64	Transmission fluid - Dexron -VI-ATF or equal	1 qt.	MAGATFLVM 6/1 QT	MAG 1	120	\$ 5.11	1 qt.	\$ 613.20	1001283	6/1 QT
65	Transmission fluid - Dexron -ULV or equal	1 qt.	VALULVTRAN 6/1 QT	VALVOLINE	120	\$ 8.64	1 qt.	\$ 1,036.80	1003165	6/1 QT
66	TES - 668 Allison TES-668 Fluid 8P Autran or Equal	1 qt.	VALSYN668 6/1 QT	VALVOLINE	30	\$ 10.05	1 qt.	\$ 301.50	1016262	3/1 GAL
67	TES - 668 Allison TES-668 Fluid 8P Autran or Equal	1 gal	VALSYN668 3/1 GAL	VALVOLINE	30	\$ 40.20	1 gal.	\$ 1,206.00	1016262	3/1 GAL
68	Automatic Transmission Fluid - MOTORCRAFT MERCON LV or equal	1 qt.	MAGATFLVM 6/1 QT	MAG 1	30	\$ 5.11	1 qt.	\$ 153.30	1001283	6/1 QT
69	Automatic Transmission Fluid - MOTORCRAFT MERCON SP or equal	1 qt.	MAGATFLVM 6/1 QT	MAG 1	30	\$ 5.11	1 qt.	\$ 153.30	1001283	6/1 QT
70	Transmission Fluid - VALVOLINE CVT FLUID or equal	1 qt.	MAGATFCVT 6/1 QT	MAG 1	30	\$ 5.11	1 qt.	\$ 153.30	1017126	6/1 QT
	3.1.13 COMBINATION FLUID									

EXHIBIT_A
PRICING PAGES

CRFQ 0212 SWC2600000004
Oil, Lubricants, Grease
(OIL25)

NOTE: All items on the Pricing Pages must be available to order for any locations throughout the State.

71	Combination Fluid: Hydraulic/Transmission Oil: HY-GARD Transmission Oil or equal	5 gal.	J20CTRAHYD PA	PUGH	250	\$ 6.71	1 gal.	\$ 1,677.50	1021382	5 GAL PAIL
72	Combination Fluid: Hydraulic/Transmission Oil: HY-GARD Transmission Oil or equal	55 gal. drum	CAMHTF DR	CAM 2	20900	\$ 8.09	1 gal.	\$ 169,081.00	1005209	55 GAL DRUM
	3.1.14 RAILROAD DIESEL ENGINE OIL									
73	Railroad diesel engine oil must be a generation 5 oil as designated by (LMOA) EMD approved	55 gal. drum	CAMRR40	CAM 2	880	\$ 13.00	1 gal.	\$ 11,440.00	1011010	55 GAL DRUM
	3.1.15 SYNTHETIC MULTIPURPOSE GEAR LUBRICANT									
74	75W90 GL-5 Synthesized multipurpose gear lubricant - DANA SHADES 256, REV. C, EATON E500, MACK GO J PLUS or equal	35 lb.	CAM7590SY PA	CAM 2	700	\$ 3.07	1 lb.	\$ 2,149.00	1006794	35# PAIL
75	75W90 GL-5 Synthesized multipurpose gear lubricant - DANA SHADES 256, REV C, EATON E500, MACK GO-J PLUS or equal	120 lb.	CAM7590SY KG	CAM 2	120	\$ 1.88	1 lb.	\$ 225.60	1010927	120# KEG
76	80W140 GL-5 Synthesized multipurpose gear lubricant - DANA SHADES 256, ARVIN MERITOR O-76, MACK GO -J or equal	35 lb.	CAM80140SY PA	CAM 2	140	\$ 2.98	1 lb.	\$ 417.20	1010931	35# PAIL
	3.1.16 FORMULATED GEAR OIL (LS)									
77	Limited slip gear lubricant 80W90 GL-5	35 lb.	CAM8090 PA	CAM 2	770	\$ 1.66	1 lb.	\$ 1,278.20	1003698	35# PAIL
78	Limited slip gear lubricant 80W90 GL-5	120 lb.	CAM8090 KG	CAM 2	1080	\$ 1.87	1 lb.	\$ 2,019.60	1003736	120# KEG
	3.1.17 DEPOSIT & CREDIT FOR RETURNABLE 55 GALLON DRUMS									
79	Deposit & Credit for Returnable 55 Gal. Drum (Inc. in product price)	55 gal. drum				Must be included In Drum Price.	Drum (each)	No Additional Charge permitted		
GRAND TOTAL:								\$ 1,097,304.50		

IMPORTANT All pricing is broken down into the least possible container pricing and the

pricing pages are formatted to calculate based upon this model.

See Example highlighted in yellow above.

Vendor's Name:	Pugh Lubricants dba Apollo Oil
Contract Manager's Name:	Joe Payne
Phone:	304-741-3766
Fax:	866-231-4639
Email Address:	jpayne@cadencepetroleum.com



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
02/10/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
FEDERATED MUTUAL INSURANCE COMPANY
HOME OFFICE: P.O. BOX 328
OWATONNA, MN 55060

CONTACT
NAME: CLIENT CONTACT CENTER
PHONE
(A/C, No, Ext): 888-333-4949 FAX
(A/C, No): 507-446-4664
E-MAIL
ADDRESS: CLIENTCONTACTCENTER@FEDINS.COM

INSURED
POC HOLDCO, LLC
701 MCDOWELL RD
ASHEBORO, NC 27205-7370

INSURERS AFFORDING COVERAGE		NAIC #
INSURER A:	FEDERATED MUTUAL INSURANCE COMPANY	13935
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 1418

REVISION NUMBER: 0

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE \$1,000,000
	☐ CLAIMS-MADE ☒ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000
							MED EXP (Any one person) EXCLUDED
	GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PROJECT ☐ LOC OTHER:	Y	N	1826945	02/28/2025	02/28/2026	PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS & COMP/OP ACC \$2,000,000
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$1,000,000
	☒ ANY AUTO						BODILY INJURY (Per Person)
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS	Y	N	1826945	02/28/2025	02/28/2026	BODILY INJURY (Per Accident)
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per Accident)
A	☒ UMBRELLA LIAB ☒ OCCUR						EACH OCCURRENCE \$10,000,000
	☐ EXCESS LIAB ☐ CLAIMS-MADE	N	N	1826948	02/28/2025	02/28/2026	AGGREGATE \$10,000,000
	DED RETENTION						
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/ EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☐	N/A	1826949	02/28/2025	02/28/2026	☒ PER STATUTE ☐ OTHER E.L EACH ACCIDENT \$500,000 E.L DISEASE - EA EMPLOYEE \$500,000 E.L DISEASE - POLICY LIMIT \$500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

THE CERTIFICATE HOLDER IS AN ADDITIONAL INSURED SUBJECT TO THE DESCRIPTION OF OPERATION(S) LISTED AND CONDITIONS OF THE ADDITIONAL INSURED - AUTOMATIC STATUS FOR DESIGNATED OPERATIONS ENDORSEMENT FOR GENERAL LIABILITY. THE CERTIFICATE HOLDER IS A DESIGNATED INSURED ON BUSINESS AUTO LIABILITY SUBJECT TO THE CONDITIONS OF THE DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE.

CERTIFICATE HOLDER

WEST VIRGINIA DEPARTMENT OF ADMINISTRATION
2019 WASHINGTON ST E
CHARLESTON, WV 25305-2214

1418 0

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE