



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000145090 ONE TIME PURCHASE OF VARIOUS LUBRICATIONS FOR
THE EASTBANK PUMP STATIONS**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
16-Apr-2024 09:41:20 AM



Bid Number 50-00145090

**One Time Purchase of Various Lubrications
For the Eastbank Pump Stations**

BID DUE: April 19, 2024 AT 11:00 AM

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received on the Purchasing Department's eProcurement site, www.jeffparishbids.net, by the bid due date and time. Late bids will not be accepted.

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Purchasing Specialist: Heather Flood
Email: Heather.Flood@jeffparish.net
Phone: 504-364-2688**

ONE TIME PURCHASE OF VARIOUS LUBRICATIONS FOR THE EAST BANK

The intent of this specification is to define the minimum requirements of the Parish of Jefferson for the purchase and delivery of the following lubrications. All bids must be the brand specified in these specifications in order to maintain existing oil quality; alternates will not be accepted.

Delivery:

Freight shall be included in base bid. All items shall be delivered to the East Bank Suburban Warehouse located at 4800 Lake Villa Drive, Metairie, La 70006. All deliveries shall be made during operating hours between 7:00 AM and 3:00 PM Monday through Friday. Deliveries will not be accepted during Jefferson parish holidays.

Specifications:

Item 0010 Mineral Spirits (cleaning product), or equal

- (1) 55 Gallon drum

Item 0020 Shell Morlina S3 BA 220 Oil

- (2) 55 Gallon Drums

Item 0030 Shell Caprinus XR 40 Oil

- (12) 55 Gallon Drums

Item 0040 Chevron Delo 40 XLE Synthetic Blend 15W40

- (2) 55 Gallon drum

Item 0050 Lubriplate 630-AA White Lithium Multipurpose Grease NLGI#2

- (2) 120 LB Keg

Item 0060 Mobil Delvac 1240 HD SAE 40

- (1) 55 Gallon drum

Item 0070 Prestone Prime Conventional Green 50/50 Premix Antifreeze/Coolant

- (1) 55 Gallon drum

Other:

Bidding vendors must hold prices firm for 45 days after the bid opening for a PO.

DATE: 4/16/2024

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00145090

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

PURCHASING SPECIALIST:
HFLOOD@jeffparish.net

VENDOR: 27118 BLANK BID COPY VENDOR

Bids will be received until 11:00 AM, 4/19/2024

LATE BIDS WILL NOT BE ACCEPTED

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2602(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE.

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 136353 and/or Resolution No. 141125 as amended. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at purchasing.jeffparish.net and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and local taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder by the bidder placing the Addendum number in the appropriate section. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

13

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, the license number must be entered in the appropriate field in the electronic procurement system. Failure to comply will cause the bid to be rejected.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. **PUBLIC WORKS BIDS:** All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise stated in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. All sureties must be in original format (no copies). When submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is an as needed basis contract. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DATE: 4/16/2024

BID NO.: 50-00145090

Page: 4

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted as per the appendix instructions. Failure to submit applicable certifications as per the appendix instructions will result in bid rejection.

17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which is permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owed on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish to contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment, and report to Owner the amount of taxes not incurred.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

DATE: 4/16/2024

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 5

BID NO.: 50-00145090

JEFFERSON PARISHPURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

VENDOR: 27118 BLANK BID COPY VENDOR

PURCHASING SPECIALIST:
HFLOOD

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

5-7 Days after order

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

N/A

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

N/A

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) N/A***** ALL BIDDERS MUST COMPLETE SECTION BELOW *****

FIRM NAME:

Safety-Kleen Systems, Inc.

SIGNATURE:

(Must be signed here)

TITLE: SVP Sales

PRINT OR TYPE NAME:

Shaynn Mahan

ADDRESS:

42 Longwater Drive

CITY, STATE:

Norwell, Massachusetts

ZIP:

02061

TELEPHONE:

(781) 427 3060

FAX:

() N/A

EMAIL ADDRESS:

lapham.leonard@safety-kleen.com

TOTAL PRICE OF ALL BID ITEMS: \$ 3,741.00

Certificate Of Completion

Envelope Id: 1965009DBD24495B8830163FF8D119D7

Status: Completed

Subject: Complete with DocuSign: Jefferson Parish.pdf

Source Envelope:

Document Pages: 1

Signatures: 1

Envelope Originator:

Certificate Pages: 4

Initials: 0

Leonard Lapham

AutoNav: Enabled

lennylapham@gmail.com

Envelope Stamping: Enabled

IP Address: 155.203.3.226

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Record Tracking

Status: Original

Holder: Leonard Lapham

Location: DocuSign

4/17/2024 11:43:34 AM

lennylapham@gmail.com

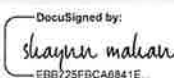
Signer Events

shaynn mahan

mahan.shaynn@cleanharbors.com

Security Level: Email, Account Authentication
(None)**Signature**

DocuSigned by:



EBB725FB9CA6841E...

Signature Adoption: Pre-selected Style

Using IP Address: 166.137.115.4

Timestamp

Sent: 4/17/2024 11:44:55 AM

Viewed: 4/17/2024 3:02:32 PM

Signed: 4/17/2024 3:02:45 PM

Electronic Record and Signature Disclosure:

Accepted: 4/17/2024 3:02:32 PM

ID: 829edc8c-3dfa-4c4b-8eb6-e77bcc30709f

In Person Signer Events**Signature****Timestamp****Editor Delivery Events****Status****Timestamp****Agent Delivery Events****Status****Timestamp****Intermediary Delivery Events****Status****Timestamp****Certified Delivery Events****Status****Timestamp****Carbon Copy Events****Status****Timestamp****Witness Events****Signature****Timestamp****Notary Events****Signature****Timestamp****Envelope Summary Events****Status****Timestamps**

Envelope Sent

Hashed/Encrypted

4/17/2024 11:44:55 AM

Certified Delivered

Security Checked

4/17/2024 3:02:32 PM

Signing Complete

Security Checked

4/17/2024 3:02:45 PM

Completed

Security Checked

4/17/2024 3:02:45 PM

Payment Events**Status****Timestamps****Electronic Record and Signature Disclosure**

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00145090

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			ONE TIME PURCHASE OF VARIOUS LUBRICATIONS FOR THE EASTBANK PUMP STATIONS		
1	1.00	DRUM	0010 MINERAL SPIRITS (CLEANING PRODUCT) OR EQUAL	\$ N/A	\$ N/A
			DELIVERY ADDRESS: EASTBANK PUMP STATION WAREHOUSE 4800 LAKE VILLA DR. METAIRIE, LA 70006		
			SEE ATTACHED SPECIFICATIONS		
2	2.00	DRUM	0020 SHELL MORLINA S3 BA 220 OIL	\$ 627.00	\$ 1,254.00
3	12.00	DRUM	0030 SHELL CAPRINUS XR 40 OIL	\$ N/A	\$ N/A
4	2.00	DRUM	0040 CHEVRON DELO 40 XLE SYNTHETIC BLEND 15W40	\$ 631.00	\$ 1,262.00
5	2.00	EA	0050 LUBRIPLATE 630-AA WHITE LITHIUM MULTIPURPOSE GREASE NLGI#2	\$ 460.00	\$ 920.00
6	1.00	DRUM	0060 MOBIL DELVAC 1240 HD SAE 40	\$ N/A	\$ N/A
7	1.00	DRUM	0070 PRESTONE PRIME CONVENTIONAL GREEN 50/50 PREMIX ANTIFREEZE/COOLANT	\$ 305.00	\$ 305.00
			All Products bid are "Performance Plus" products Please see attached technical data sheets.		



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



PERFORMANCE PLUS OILS AND LUBRICANTS | PERFORMANCE PLUS FULL SYNTHETIC HEAVY DUTY GEAR OILS | PERFORMANCE PLUS FULL SYNTHETIC HEAVY DUTY GEAR OILS

FULL SYNTHETIC HEAVY DUTY GEAR OILS

Performance Plus® Full Synthetic Heavy Duty Gear Oils are extremely versatile products, performing across the widest operating temperature ranges for automotive; light, medium and heavy-duty trucks; farm, logging and construction equipment. Additionally, this unique formulation has been highly tested and engineered to deliver the highest cleanliness, exceptional resistance to gear wear and spalling, greatly extending the life of differential and rear axle gears all while extending drain intervals. These oils contain a full limited slip treatment for use in automotive and heavy duty syncro-mesh and limited slip axles and are suitable for extended drain intervals. Performance Plus Full Synthetic Heavy Duty Gear Oils are formally recognized and approved by industry leading OEMs. Performance, Power and Protection are the foundation of all Performance Plus products which is why they are designed to maintain power, perform, and protection in harsh conditions.

PERFORMANCE PLUS PROPERTIES

SAE Viscosity Grade	75W-90	75W-140
API Performance Level	GL-5, MT-1	GL-5, MT-1
Kinematic Viscosity		
cSt @ 40°C	94.4	172.1
cSt @ 100°C	16.7	27.1
Viscosity Index	192	199
Brookfield Viscosity		
cP @ -40°C	85,200	122,000
Specific Gravity 15.6°C (60°F)	0.854	0.852
Flash Point, °C (°F)	242 (468)	248 (478)
Pour Point, °C (°F)	-38 (-36)	-44 (-47)

Approvals and Specifications

Performance Plus® Full Synthetic Heavy Duty Gear Oils, meet and often exceed the stringent requirements of the following specifications:

Mack Truck GO-G	API GL-5
Mack Truck GO-H	API MT-1
Mack Truck GO-J	SAE J2360
Mack Truck GO-J Plus	MIL-PRF 2105E
Ford WSL-M2C192A (75W-140)	MIL-PRF-2105D
Dana SHAE-256 Rev. C (75W-90)	
Arvin Meritor O-76E (75W-90)	
Extreme Pressure Hypoid Gears	

Since Performance Plus Full Synthetic Heavy Duty Gear Oils meet and can exceed the latest stringent OEM requirements they are also suitable for use in the following brands where the above specifications are called for:

Toyota	Caterpillar
Volvo	John Deere
Hitachi	Okuma
Doosan	Mitsubishi
Renault	Komatsu
Mahindra	International Harvester
Case IH	New Holland
BASF	Kubota

Note: Values shown above are representative of current production and may vary within modest ranges

Information regarding recommended maintenance and equipment operating conditions can be found by referencing Original Equipment Manufacturer's (OEM) owner's manual and lubricant recommendations.

Rev.9/19



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



HOME | ABOUT US | PRODUCTS | SERVICES | CONTACT US | GEAR OILS | INDUSTRIAL OILS | MARINE OILS

FULL SYNTHETIC HEAVY DUTY GEAR OILS

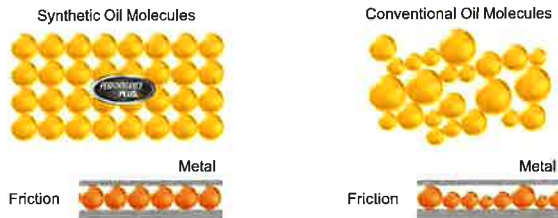
Features and Benefits: Modern differential and rear axle gears demand the very best in performance, power and protection, and operators who insist on the best, insist on Performance Plus Full Synthetic Heavy Duty Gear Oil. Performance Plus has been tested, proven and is trusted to deliver the very best quality, additionally Performance Plus Full Synthetic Heavy Duty Gear Oils offer:

- Formulated for a high viscosity index
- Designed to have low friction properties
- Excellent resistance to sludge and deposits
- Exceptional thermal and oxidation stability
- Superior corrosion protection formulation

- Maintains performance in all types of climates
- Improved fuel economy and reduces wear
- May extend time between drains with oil analysis
- Performs even under severe conditions
- Protects gears from damage, reducing maintenance costs

Proven and Trusted: The foundation of all Performance Plus products is the tested, proven and trusted base oil which exceeds the performance of many of the major oil refiners. Our finished lubricants start at a higher level than the competition due to our formulated blend of high quality base oils and additives.

Synthetic v. Conventional



Performance Plus® Full Synthetic Heavy Duty Gear Oils deliver superior lubrication to vital components faster and more efficiently v. formulas formulated using mineral base oils. The improved results include:

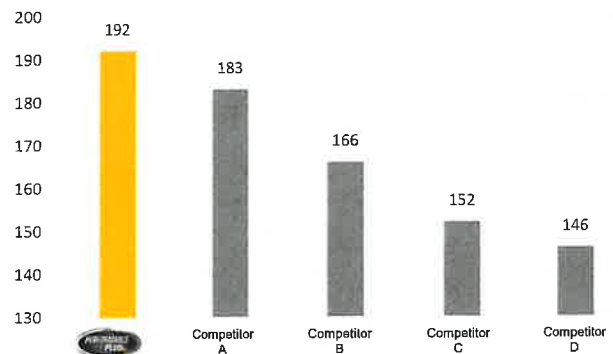
Enhanced Performance

- Extended Intervals
- Advanced Fuel Economy
- Quicker Start-ups
- Fewer Emissions

Enhanced Protection

- All-Weather Protection
- Improved thickening resistance
- Cleaner Oil
- Cleans deposits and sludge

Viscosity Index



Performance Plus® delivers exceptional performance at both low and high temperature environments, due to our product's superior resistance to temperature changes, beating out all the major competition.

Health and Safety: Information detailing health and safety can be found in the corresponding Safety Data Sheet on the Performance Plus website. Performance Plus products contain petroleum distillates and are not likely to pose any significant health or safety hazards. Gloves should be used to avoid any contact - should there be contact with skin, washing with soap and water is advised. If ingested, call a poison center or doctor - do not induce vomiting.

Storage: Performance Plus products should not be stored where the temperatures are above 140° F (60° C) or near sparks and flames. Products should be stored under cover and away from the reach of children. In case where drums cannot be under cover, they should be laid horizontally to avoid any potential contaminants.

Disposal: All efforts should be made to protect the environment. Please properly dispose of used motor oil and lubricants. Should you need any assistance please contact your sales representative for information on how Safety-Kleen's used motor oil collection services.

For additional questions, please contact your Performance Plus® Products Sales Representative.

Rev.9/19



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



INDUSTRIAL OILS | AUTOMOTIVE OILS | MARINE OILS | SPECIALTY OILS | HYDRAULIC OILS | GEAR OILS | GREASES | COOLANTS | LUBRICANTS | AIR FILTRATION

CONVENTIONAL GEAR OILS

Performance Plus® Conventional Gear Oils are premium quality multi-purpose gear oils formulated to perform in harsh operating conditions and to protect all vehicle and heavy-duty equipment differentials, final drives, manual transmissions and gearboxes by minimizing gear friction, reducing corrosion, and preventing the formation of sludge. Performance Plus Conventional Gear Oils are formulated using high-quality, superior KLEEN+ base oil and advanced performance additives designed to provide excellent oxidation, sludge and deposit control and engine cleanliness. These gear oils are suitable for drain-and-fill or top-off limited-slip service. Performance, Power and Protection are the foundation of all Performance Plus products which is why they are designed to maintain power, perform, and protection in harsh conditions.

PERFORMANCE PLUS PROPERTIES

SAE Viscosity Grade	80W-90	85W-140
API Service Category	GL-5 / MT-1	GL-5 / MT-1
Kinematic Viscosity cSt @ 40°C cSt @ 100°C	145.4 15.2	341.3 25.6
Viscosity Index	106	97
Brookfield Viscosity cP @ -26°C cP @ -12°C	105,000 -	- 60,000
Specific Gravity 15.6°C (60°F)	0.885	0.896
Flash Point, °C (°F)	214 (417)	218 (424)
Pour Point, °C (°F)	-30 (-22)	-12 (10)
Color (ASTM)	L 3.5	L 4.5

Approvals and Specifications

Performance Plus® Conventional Gear Oils have been formerly approved to meet the following specifications:

Mack GO-J (80W-90)
Mack GO-H (80W-90)
Mack GO-G (80W-90)

Since Performance Plus Conventional Gear Oils meet and often exceed the latest stringent OEM requirements they are also suitable for use where the following specifications are recommended:

API GL-5
API MT-1
Arvin Meritor 076-A
Arvin Meritor 076-D
SAE J2360
Ford WSP-M2C197-A

Note: Values shown above are representative of current production and may vary within modest ranges

Information regarding recommended maintenance and equipment operating conditions can be found by referencing Original Equipment Manufacturer's (OEM) owner's manual and lubricant recommendations.

Rev.7/22



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



GEAR OILS | MOTOR OILS | TRANSMISSION OILS | HYDRAULIC OILS | GREASES | SPECIALTY OILS

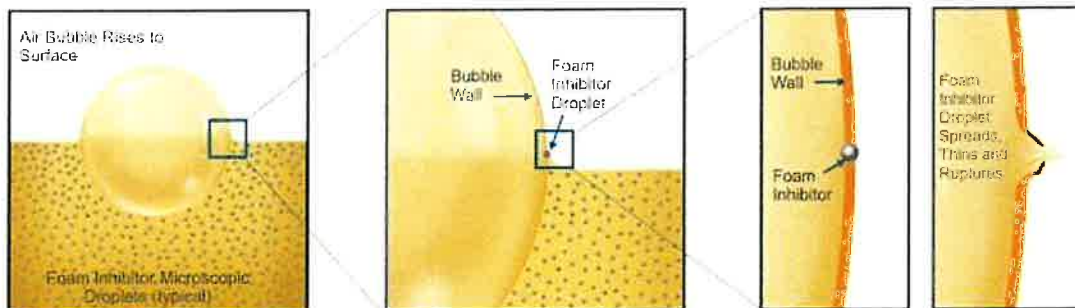
CONVENTIONAL GEAR OILS

Features and Benefits: Performance Plus Conventional Gear Oils are designed for performance, power and protection to meet the demands of strenuous conditions in today's gear boxes. Tested, proven, and trusted quality are why those demanding the best turn to Performance Plus and why Performance Plus Conventional Gear Oil products offer:

Formulated to resist foaming by maintaining film strength
Excellent corrosion protection
Designed to reduce friction
Additives to prevent the formation of sludge
Exceptional thermal and oxidation stability

Maintains consistent and continuous lubrication
Protecting critical components
Maximizing performance, power and protection
Providing maximum fuel economy
Extending gear and bearing life

Proven and Trusted: The foundation of all Performance Plus products is the tested, proven and trusted base oil which exceeds the performance of many of the major oil refiners. Our finished lubricants start at a higher level than the competition due to our formulated blend of high quality base oils and additives.



Performance Plus® Conventional Gear Oils contain a specialty blend of additives that enhance surface tension and maintain film strength which provides excellent resistance to foaming. The strength of the additive package will break down foaming air bubbles as quickly as they form.

Health and Safety: Information detailing health and safety can be found in the corresponding Safety Data Sheet on the Performance Plus website. Performance Plus products contain petroleum distillates and are not likely to pose any significant health or safety hazards. Gloves should be used to avoid any contact - should there be contact with skin, washing with soap and water is advised. If ingested, call a poison center or doctor - do not induce vomiting.

Storage: Performance Plus products should not be stored where the temperatures are above 140° F (60° C) or near sparks and flames. Products should be stored under cover and away from the reach of children. In case where drums cannot be under cover, they should be laid horizontally to avoid any potential contaminants.

Disposal: All efforts should be made to protect the environment. Please properly dispose of used motor oil and lubricants. Should you need any assistance please contact your sales representative for information on how Safety-Kleen's used motor oil collection services.

For additional questions, please contact your Performance Plus® Products Sales Representative.

Rev.7/22



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



HEAVY DUTY ENGINE

HEAVY DUTY ENGINE OILS (CK-4)

Performance Plus® Heavy Duty Diesel Engine Oils are formulated using specially engineered KLEEN+ base oil and premium state-of-the-art performance additives to surpass the latest heavy duty Original Equipment Manufacturer's (OEM) severity requirements. Their proprietary formula is designed to provide outstanding oxidation resistance, improved wear protection and exceptional thermal stability under extreme conditions (low and high temperatures). Additionally, they are recommended for the latest heavy duty diesel, gasoline, and propane engines including those equipped with emission control (EGR) and post treatment (DPF or DOC) systems and are approved and licensed to meet or exceed the latest API CK-4 requirements. Performance and Protection are the foundation of all Performance Plus products which is why they are designed to maintain power, perform, and protect engines in harsh driving conditions.

PERFORMANCE PLUS PROPERTIES

SAE Viscosity Grade	10W-30	15W-40
API Service Category	CK-4	CK-4 / SN
Kinematic Viscosity		
cSt @ 40°C	81.7	113.9
cSt @ 100°C	12.2	15.6
Viscosity Index	145	145
CCS Viscosity		
cP @ -25°C	6,200	-
cP @ -20°C	-	5,500
MRV Viscosity		
cP @ -30°C	23,600	-
cP @ -25°C	-	22,200
TBN	10.0	10.0
Evaporative Loss, NOACK, wt%	10	8
Specific Gravity 15.6°C (60°F)	0.865	0.869
Flash Point, °C (°F)	237 (459)	226 (439)
Pour Point, °C (°F)	-39 (-38)	-33 (-27)
Color (ASTM)	L 4.0	L 4.0
Sulfated Ash, wt%	1.0	1.0

Note: Values shown above are representative of current production and may vary within modest ranges

Approvals and Specifications

Performance Plus® Heavy Duty Engine Oils have been formally approved to meet the following specifications:

API CK-4	Detroit Diesel DFS 93K222
API CJ-4	Detroit Diesel DFS 93K218
API CI-4 Plus	Ford WSS M2C171-F1
API SN (15W-40)	Cummins CES 20081
Renault RLD-3	Cummins CES 20086
Renault RLD-4	Mack EO-O Premium Plus
Volvo VDS-3	Mack EO-N Premium Plus
Volvo VDS-4	Mack EOS-4.5
Volvo VDS-4.5	

Since Performance Plus Heavy Duty Engine Oils meet and can exceed the latest stringent OEM requirements they are also suitable for use where the following specifications are recommended:

Caterpillar ECF-3	Mercedes Benz 228.31
Caterpillar ECF-2	Mercedes Benz
MTU Category 2.1	ACEA E9
Deutz DQC III-10 LA	ACEA E7
MTU Category 2.1	

Information regarding recommended maintenance and equipment operating conditions can be found by referencing Original Equipment Manufacturer's (OEM) owner's manual and lubricant recommendations.

Rev.7/22



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



HEAVY DUTY ENGINE OILS (CK-4)

HEAVY DUTY ENGINE OILS (CK-4)

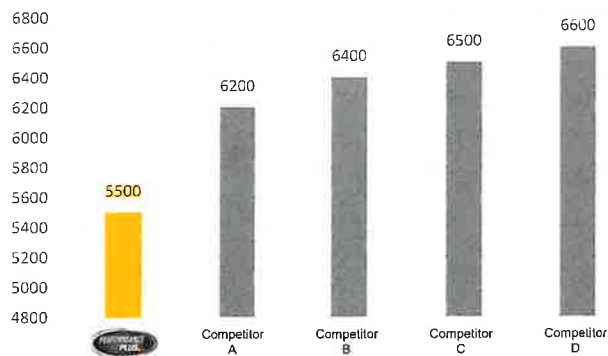
Features and Benefits: Today's trucks and fleets demand power, performance and protection and Performance Plus Heavy Duty Engine Oils are designed to meet and exceed their needs. Tested, proven, and trusted quality are why those demanding the best turn to Performance Plus. In addition to performance and protection, Performance Plus Heavy Duty Engine Oils offer:

- Enhanced soot control and reduced oxidative thickening
- Excellent cleanliness reducing piston deposits
- Superior resistance to viscosity and thermal breakdown
- Outstanding soot control to protect against wear
- Protects against rust and bearing corrosion

- Extending performance over long drain intervals
- Improving overall fuel economy
- Performing under the most extreme conditions
- Optimizing engine output
- Prolonging the life of the engine

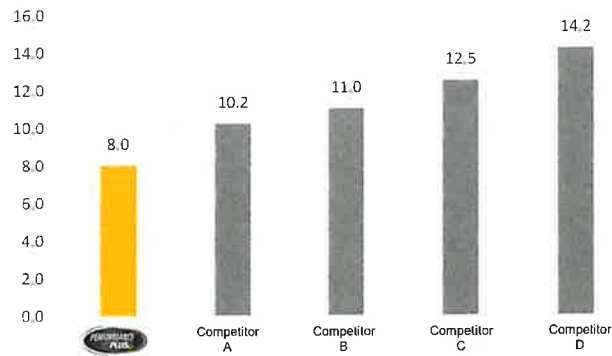
Proven and Trusted: The foundation of all Performance Plus products is the tested, proven and trusted base oil which exceeds the performance of many of the major oil refiners. Our finished lubricants start at a higher level than the competition due to our formulated blend of high quality base oils and additives.

Cold Crank



Performance Plus® delivers superior lubrication flow to vital components faster and more efficiently thus significantly reducing critical engine wear during cold temperature operation v. conventional formulations.

NOACK



Performance Plus® uses KLEEN+ base oil to provide exceptional volatility performance resulting in less oil top off, less light end engine deposits, and excellent cold and high temperature viscosity performance v. conventional formulations.

Health and Safety: Information detailing health and safety can be found in the corresponding Safety Data Sheet on the Performance Plus website. Performance Plus products contain petroleum distillates and are not likely to pose any significant health or safety hazards. Gloves should be used to avoid any contact - should there be contact with skin, washing with soap and water is advised. If ingested, call a poison center or doctor - do not induce vomiting.

Storage: Performance Plus products should not be stored where the temperatures are above 140° F (60° C) or near sparks and flames. Products should be stored under cover and away from the reach of children. In case where drums cannot be under cover, they should be laid horizontally to avoid any potential contaminants.

Disposal: All efforts should be made to protect the environment. Please properly dispose of used motor oil and lubricants. Should you need any assistance please contact your sales representative for information on how Safety-Kleen's used motor oil collection services.

For additional questions, please contact your Performance Plus® Products Sales Representative.

Rev.7/22



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



ALL-PURPOSE LITHIUM (NLGI 1 & 2) GREASES

Performance Plus® All-Purpose Lithium Grease is a premium lithium grease suitable for many industrial and light duty applications. Performance Plus All-Purpose Lithium Grease is ideal for use in applications calling for a Lithium NLGI #1 or #2 grease with good corrosion protection, water resistance, oxidative stability and wear protection. Performance Plus All-Purpose Lithium Grease starts with premium, low viscosity base oils for pumpability cold environments. Our polymer package reduces oil separation and resists water washout keeping the grease in applications longer. A state-of-the-art extreme pressure additive package helps moving components withstand light to moderate shock loading and prevents early wear.

PERFORMANCE PLUS PROPERTIES

NLGI Grade	1	2
NLGI Specification	LB	LB
Thickener Type	Lithium Complex	Lithium Complex
Color	Green	Green
Texture	Smooth	Smooth
Worked Penetration (Typical)	315	270
ISO Grade	150	150
Viscosity Index	68	68
Dropping Point, °F	370	370
4-Ball weld, kgf	250	250
4-Ball wear, scar mm	0.6	0.66
4-Ball LWI	30	30
Rust Prevention (ASTM D-1743)	Pass	Pass
Oxidation Stability psi loss/100 Hrs.	3	3
Timken, OK load, lbs.	40	40
Water Washout (% loss @ 175°F)	<10	<6

Applications

Performance Plus® All-Purpose Lithium Greases are recommended for applications in the following industries:

Automotive	Agriculture
Paper	On-Road Trucking
Industrial	Energy

Additionally, Performance Plus All-Purpose Lithium Greases meet the latest stringent requirements of leading automobile manufacturers, they are suitable for the following OEMs (where applicable*):

Ford	Toyota
Lincoln	Kia
Mazda	Hyundai
Volvo	Nissan
Chevrolet	Infiniti
Dodge	Honda
Jeep	Acura
Chrysler	Volvo
Buick	Subaru
Land Rover	Jaguar
John Deere	Mitsubishi

Note: Values shown above are representative of current production and may vary within modest ranges

*Information regarding recommended maintenance and equipment operating conditions can be found by referencing Original Equipment Manufacturer's (OEM) owner's manual and grease recommendations.

Rev.9/19



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



ALL-PURPOSE LITHIUM (NLGI 1 & 2) GREASES

Features and Benefits: Modern automotive, agriculture and light industrial applications require protection, persistence and performance, and those looking for proven and trusted performance demand Performance Plus All-Purpose Lithium Grease. In addition to its industry leading specifications, All-Purpose Lithium Grease offers:

- Highly shear stable formulation
- Outstanding water resistance
- Enhanced extreme pressure properties
- Excellent rust protection characteristics
- Strongly adheres to metal surfaces

- Extending performance over long service life
- Maintains lubrication even in the presence of water
- Performs under severe conditions
- Protects mechanical components, reducing downtime
- Seals out contaminants and extends lubrication intervals

Proven and Trusted: The foundation of all Performance Plus products is the tested, proven and trusted base oil which exceeds the performance of many of the major oil refiners. Our greases start at a higher level than the competition due to our formulated blend of high quality base oils and additives.

	Automotive	Agriculture	Industrial	HD Trucking	Steel	Construction	Mining
All-Purpose Lithium	✓	✓	✓				
Hi-Temp Lithium	✓	✓	✓	✓	✓	✓	
Construction Red	✓	✓	✓	✓	✓	✓	
Moly Supreme	✓	✓	✓	✓	✓	✓	✓
Ultra Calcium Sulfonate	✓	✓	✓	✓	✓	✓	✓

Performance Plus® delivers a diverse product line that perform in a wide array of industry needs. Our products can be utilized in common wheel bearing applications of Light automotive and others that are top of the line for the more extreme applications in heavy construction and mining. No matter your grease needs, Performance Plus can deliver the protection and performance.

Health and Safety: Information detailing health and safety can be found in the corresponding Safety Data Sheet on the Performance Plus website. Performance Plus products contain petroleum distillates and are not likely to pose any significant health or safety hazards. Gloves should be used to avoid any contact - should there be contact with skin, washing with soap and water is advised. If ingested, call a poison center or doctor - do not induce vomiting.

Storage: Performance Plus products should not be stored where the temperatures are above 140° F (60° C) or near sparks and flames. Products should be stored under cover and away from the reach of children. In case where drums cannot be under cover, they should be laid horizontally to avoid any potential contaminants.

Disposal: All efforts should be made to protect the environment. Please properly dispose of used motor oil and lubricants. Should you need any assistance please contact your sales representative for information on how Safety-Kleen's used motor oil collection services.

For additional questions, please contact your Performance Plus® Products Sales Representative.

Rev.9/19



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



PERFORMANCE PLUS OILS AND LUBRICANTS | COOLANTS

Fully Formulated Conventional (Green) 50/50 PRE-DILUTED ANTIFREEZE/COOLANT

Performance Plus® Fully Formulated HD Conventional antifreeze/coolant is premium quality inorganic additive technology designed for use in heavy-duty diesel engines that contains a chemical inhibitor system, which is Borate, Nitrite-base formula to protect diesel engines from liner pitting and corrosion. This formulation is pre-charged with nitrites, so it does not require the addition of Supplemental Coolant Additives (SCAs) at initial fill. Recommended for use in Heavy-Duty Diesel engines that require the addition of SCA's as a recommended maintenance program. This Coolant is made with a low Silicate, Phosphate Free formulation containing a full charge of heavy-duty chemical inhibitors and is compatible with SCA filters. Formulated with Borate/Nitrite chemistry are recommended for use in Caterpillar, Detroit Diesel, Cummins and other heavy-duty diesel engines.

PERFORMANCE PLUS PROPERTIES

Relative Density 60°F (15.5°C)	1.0725 to 1.1725
Freeze Point, °F (°C)	-34 (-37) max
Boiling Point, °F (°C)	226 (108) min
Ash Content, mass %	< 1.0
pH	10.5 to 10.8
Chloride, ppm	< 25
Effect on Automotive Finish	No Effect
Service Interval: Heavy Duty Trucks	2 years / 200,000 miles With proper maintenance*
Color	Green
Bittering Agent, ppm	30 to 50

* With ongoing monitoring using nitrite test strips & compatible SCA/slow-release chemical filter.

Ready to use product: Do not add water.

Approvals and Specifications

Performance Plus Fully Formulated HD Conventional meets the physical, chemical, and performance requirements of:

ASTM D6210
ASTM D4985
ASTM D3306
TMC RP329

Fully Formulated Conventional is suitable for heavy duty applications requiring borate/nitrate chemistry (where applicable)*.

Detroit Diesel
John Deere
International
Freightliner
PACCAR
Kenworth
Peterbilt
MTU
Cummins
Daimler
Toyota

Caterpillar (DEAC)
Navistar
MAN
Scania
Ford
General Motors
Volkswagen
Mercedes-Benz
Volvo
Mack Truck

Note: Values shown above are representative of current production and may vary within modest ranges

*Information regarding recommended maintenance and equipment operating conditions can be found by referencing Original Equipment Manufacturer's (OEM) coolant recommendations.

Rev.5/22



PERFORMANCE PLUS OILS AND LUBRICANTS

PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



PERFORMANCE PLUS OILS AND LUBRICANTS | PERFORMANCE PLUS OILS AND LUBRICANTS | PERFORMANCE PLUS OILS AND LUBRICANTS | COOLANTS

Fully Formulated Conventional (Green) 50/50 PRE-DILUTED ANTIFREEZE/COOLANT

Features and Benefits: Performance Plus Antifreeze/Coolants deliver the protection and performance demanded by today's heavy-duty engines. Tested, proven, and trusted quality are why those demanding the best, turn to Performance Plus. Additionally, Performance Plus Fully Formulated Conventional Antifreeze/Coolant offers the following benefits:

Suitable for various applications
Heat transfer and anti-scaling properties
Multi-alloy protection formulation

Universal top-off and service coolant for mixed fleets
Preventing hard water mineral build-up
Protecting against corrosion of aluminum, brass, cast iron, copper, solder, and steel

Proven and Trusted: The foundation of all Performance Plus products is the tested, proven and trusted quality. This focus on quality is why hundreds of thousands of vehicle and stationary engine owners/operators across North America trust Performance Plus to protect their engine cooling systems.

PERFORMANCE PLUS PROPERTIES	SPECIFICATIONS	PERFORMANCE
ASTM D1384 Corrosion in Glassware: Weight Loss (mg/specimen)		
Copper Brass Steel Cast Iron	10 max (EA)	Pass
Solder Aluminum	30 max (EA)	Pass
ASTM D2570 Simulated Service Test: Weight Loss (mg/specimen)		
Copper Brass Steel Cast Iron	20 max (EA)	Pass
Solder Aluminum	60 max (EA)	Pass
ASTM D 4340 Corrosion of Cast Aluminum Alloys at Heat Rejecting Surfaces		
mg/cm ² /week	1.0 max	Pass
ASTM D 1881 Foaming		
Volume, mL	150 max	Pass
Break Time, seconds	5 max	Pass
ASTM D2809 Cavitation Corrosion of Aluminum Pumps – Rating		
	8 min	Pass

Health and Safety: Information detailing health and safety associated with using the product can be found in the corresponding Safety Data Sheet (SDS) on the Performance Plus website. Ethylene glycol-based antifreeze is toxic and must not be used to winterize potable water systems.

Storage: Product is stable for at least 5 years when stored in original container at ambient temperature. Agitate before use.

Disposal: All efforts should be made to protect the environment. Waste antifreeze should never be disposed of by dumping onto the ground, or into a septic system or storm sewer. Should you need any assistance with disposal, please contact your sales representative for information on Safety-Kleen's waste antifreeze collection services.

For additional questions, please contact your Performance Plus® Products Sales Representative.

Rev.5/22