

03.01.2022

ADOPTED

TOWN OF RIVERHEAD

Resolution 2022-204

AWARDS BID FOR LUBRICANTS

Councilman Beyrodt Jr. offered the following resolution,
which was seconded by Councilman Rothwell

WHEREAS, Town Board Resolution #2022-95 authorized the Town Clerk to publish and post a notice to bidders for sealed bids for **LUBRICANTS** and;

WHEREAS, 4 bids were received, opened and read aloud in the Office of the Town Clerk, 200 Howell Avenue, Riverhead, NY 11901 on **February 17, 2022** at **11:00 AM**; and

WHEREAS, the bids were reviewed and a bid tabulation was prepared by the Purchasing Agent and presented to the Town Board for review;

NOW THEREFORE BE IT RESOLVED that the bid for **LUBRICANTS** be awarded to the vendor indicated below for prices on the attached pages;

RELADYNE NORTHEAST LLC
35 DREXEL DR
BAY SHORE, NY 11706
CONTRACTORDERS@RELADYNE.COM

BE IT FURTHER RESOLVED, that the Town Clerk be and is hereby authorized to forward a copy of this resolution to the vendor listed above, and the Municipal Garage and Purchasing Departments; and

BE IT FURTHER RESOLVED that all Town Hall Departments may review and obtain a copy of this resolution from the electronic storage device and, if needed, a certified copy of same may be obtained from the Office of the Town Clerk.

THE VOTE

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Frank Beyrodt Jr., Councilman
SECONDER:	Kenneth Rothwell, Councilman
AYES:	Aguiar, Hubbard, Beyrodt Jr., Rothwell, Kern

State of New York
 County of Suffolk } ss:
 Town of Riverhead

This is to certify that I, the undersigned, Town Clerk of the Town of Riverhead, County of Suffolk, State of New York, have compared the forgoing copy of a Resolution with the original now on file in this office and which was duly adopted on **March 1, 2022** and that the same is a true and correct transcript of said Resolution and the of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and the official seal of the Town of Riverhead, on **March 2, 2022**



Diane M. Wilhelm

, Town Clerk

**FISCAL IMPACT STATEMENT
OF PROPOSED RIVERHEAD TOWN BOARD LEGISLATION**

A. Type of Legislation Resolution <input checked="" type="checkbox"/> Local Law		
B. Title of Proposed Legislation: Awards Bid for Lubricants		
C. Purpose of Proposed Legislation:		
D. Will the Proposed Legislation Have a Fiscal Impact? Yes <input checked="" type="checkbox"/> No		
E. If the answer to section D is "yes", select (a) or (b) below and initial or detail as applicable: <p style="margin-left: 20px;">(a) The fiscal impact can be absorbed by Town/department existing resources set forth in approved Town Annual Budget (example:routine and budgeted procurement of goods/services)*if selecting E(a), please initial then skip items F,G and complete H,I and J; or (b) The description/explanation of fiscal impact is set forth as follows:</p>		
F. If the answer to E required description/explanation of fiscal impact (E(b)), please describe total Financial Cost of Funding over 5 Years		
G. Proposed Source of Funding Appropriation Account to be Charged: A01-445-132-00000 Grant or other Revenue Source: Appropriation Transfer (list account(s) and amount):		
H. Typed Name & Title of Preparer: Teresa Baldinucci	I. Signature of Preparer Teresa Baldinucci Teresa Baldinucci	J. Date 2/22/22
K. Accounting Staff Name & Title	L. Signature of Accounting Staff	M. Date



TOWN OF RIVERHEAD
Yvette Aguiar, Supervisor

200 Howell Avenue
 Riverhead, New York 11901-2596
 631-727-3200

BID FOR: LUBRICANTS

BID #2022-09

Reladyne Northeast LLC

BIDDERS NAME

35 Drexel Drive

BIDDERS ADDRESS

Bay Shore, NY 11706

CITY, STATE, ZIP

631-234-8900

PHONE NUMBER

Contractorders@reladyne.com

EMAIL ADDRESS

In compliance with your advertisement for bids to be opened at **11:00 a.m. on February 17, 2022** subject to all conditions thereof, the undersigned hereby proposes to furnish the item(s) and/or service(s) itemized in this proposal in accordance with the Notice to Bidders, General Information Agreement and Specifications contained herein on the Bid Proposal Form attached.

Bidder certifies that the prices quoted herein do not include Federal Excise Tax or any Federal, New York State or City Sales Tax and are not higher than prices charged to any governmental or commercial consumer for like merchandise and/or service; and all prices include shipping and freight charges to any Municipal building or site within the Town of Riverhead.

Respectfully submitted,


 SIGNATURE

Jay Birnbaum

PRINTED NAME

General Manager 2/15/2022

TITLE

DATE

THIS PAGE MUST BE COMPLETED, SIGNED, AND RETURNED WITH BID

BIDDERS ARE INVITED TO ATTEND BID OPENING

VENDOR NAME Reladyne Northeast LLC

**TOWN OF RIVERHEAD
NOTICE TO BIDDERS**

Sealed bids for **LUBRICANTS** will be received by the Town Clerk of the Town of Riverhead at Town Hall, 200 Howell Avenue, Riverhead, New York, 11901, until **11:00 a.m. on February 17, 2022**, at which time all bids received shall be opened and read aloud.

Bid Specifications and/or Plans may be obtained by visiting the Town of Riverhead website at www.townofriverheadny.gov on or after **February 10, 2022**. Click on "Bid Requests" and follow the instructions to register.

**BY ORDER OF THE TOWN BOARD
OF THE TOWN OF RIVERHEAD**

DIANE M. WILHELM, TOWN CLERK

VENDOR NAME Reladyne Northeast LLC

**TOWN OF RIVERHEAD BID
SPECIFICATION**

LUBRICANTS

GENERAL BID SPECIFICATIONS

1. General Instructions

Bidders shall be responsible to carefully examine the bid specifications. These specifications require the doing of all things necessary or proper for, or incidental to the furnishing and delivery of said parts/equipment and associated components. All things not expressly mentioned in these specifications, but involved in carrying out their intent are required by these bid specifications; and the vendor shall perform the same as though they were specifically mentioned, described and delineated. Read all documents contained in the bid specifications.

Bidders are responsible for submitting their bids to the appropriate location at or prior to the time indicated in the specifications. **No bids will be accepted after the designated time or date indicated in the bid specifications.** It is suggested that registered mail be used to submit bids. Delay in mail delivery is not an exception to the receipt of a bid.

A copy of the official bid documents may be obtained at the Town's website: www.townofriverheadny.gov In addition to obtaining the official bid documents, any and all addendum pertaining to a particular bid or RFP are posted on the Town website referenced above-log and scroll to bid for **LUBRICANT ITEMS**. It is incumbent upon all potential bidders to view all posted addenda prior to the bid close date.

Any questions or clarification to the bid specifications or technical specifications must be submitted in writing to the Purchasing Agent at 200 Howell Ave., Riverhead, NY 11901 or by email to: baldinucci@townofriverheadny.gov prior to the bid opening, **unless otherwise stated***. Such questions must be in the possession of the Purchasing Agent at least 72 hours prior to the bid opening, **unless otherwise stated***. **Verbal questions will not be entertained.**

Bidders must submit one original copy of their bids. The original must be sealed and clearly marked "**LUBRICANTS**". All bids shall be made out on the proposal forms attached hereto and all the attached certificates must be completed and signed in compliance with the provisions of Section 103-d of the New York State General Municipal Law. All bids must be filled out in ink, or be typewritten. Bids submitted in pencil will be rejected as unresponsive. Bids which have been corrected by white out or cross out, and have not been initialed and/or dated will be rejected as unresponsive. Bid Responses may be rejected if they show any omission, irregularity, alteration of form, addition, condition, unresponsiveness, or unbalance.

VENDOR NAME Reladyne Northeast LLC

Samples may be requested by the Town for the purpose of product evaluation. It is understood that samples will be provided at **no** charge to the Town and will be returned, when requested, within 30 days after the evaluation is completed, at the expense of the vendor. All samples left longer than 30 days after the evaluation period will be discarded.

The Purchasing Agent, and/or his/her designee, shall be the only one authorized to make changes or alterations to anything contained in these specifications. As stated above, any changes shall be posted as an addendum on the following website: www.townofriverheadny.gov. The Purchasing Agent reserves the right to reject all bids, parts of all bids, or all bids for any one or more items or contractual services included in the proposed contract, when such rejection is in the best interest of the Town. The contract will be awarded to the RESPONSIBLE BIDDER offering the best price, availability to supply good/parts within the requested time frames, and location/proximity to the Town's Municipal Garage. A responsible bidder is a manufacturer, producer, dealer, vendor, or bona fide manufacturer's agent who has demonstrated judgment and integrity, is of good reputation, experienced in his work, whose record of past performance in the trade is established as satisfactory, and whose financial status is such to provide no risk to the Town of Riverhead in its contractual relations.

No bidder may withdraw a bid within forty-five (45) days after the actual date of the bid opening. Any bidder who does not honor their bid within the forty-five (45) days may be barred from bidding in any jurisdiction in New York State.

Any bidder, contractor, or manufacturer who, in the course of his work, uses or supplies products which may be toxic or harmful, shall provide an MSDS to the Town of Riverhead Purchasing Department prior to the use of those products by the Town or the contractor.

Bidders who are required to adhere to the prevailing wage schedule shall obtain and maintain a current schedule from the New York State Department of Labor for the entire term of the contract. The Town may audit adherence to this schedule at any time during or after the contract period.

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to paragraph (b) of subdivision 3 of section 165-a of the state finance law.

2. Bid Costs and Expenses

The Town of Riverhead will not pay any costs incurred by any CONTRACTOR associated with any aspect of responding to the request for bids, including bid preparation, printing or delivery, or negotiation process.

3. Bid Expiration Date

Prices quoted in the bid shall remain fixed and binding on the Bidder for 90 days from the bid opening date.

VENDOR NAME Reladyne Northeast LLC

4. Non-Conforming Bids

Non-conforming Bids will not be considered. Non-conforming bids are defined as those that do not meet the requirements of the bid specification. The determination of whether a bid requirement is substantive or a mere formality shall reside solely within the Town of Riverhead.

5. Sub-Contracting

The CONTRACTOR selected shall be solely responsible for contractual performance and CONTRACTOR assumes all responsibility for the quality of work performed under this contract.

6. Discrepancies and Omissions

CONTRACTOR is fully responsible for the completeness and accuracy of their bid, and for examining this bid and all addenda. Failure to do so will be at the sole risk of CONTRACTOR. Should CONTRACTOR find discrepancies, omissions, unclear or ambiguous intent or meaning, or should any questions arise concerning this request for bid, CONTRACTOR shall notify the PURCHASING AGENT, in writing, of such findings at least five (5) days before the bid opening. This will allow issuance of any necessary addenda. It will also help prevent the opening of a defective bid and exposure of CONTRACTOR'S bid upon which award could not be made. All unresolved issues should be addressed in the bid. Protests based on any omission or error, or on the content of the solicitation, will be disallowed if these faults have not been brought to the attention of the Designated Contact, in writing, no later than five (5) calendar days prior to the time set for opening of the bids.

7. Town's Right to Reject Bids

The Town reserves the right to accept or reject any or all bids or any part of any bid, to waive defects, technicalities or any specifications (whether they be in the Town's specifications or CONTRACTOR'S response), to sit and act as sole judge of the merit and qualifications of each product offered, or to solicit new bids on the same project or on a modified project which may include portions of the originally proposed project as the Town may deem necessary in the best interest of the Town.

8. Town's Right to Cancel Solicitation

The Town reserves the right to cancel this solicitation at any time during the procurement process, for any reason or for no reason. The Town makes no commitments expressed or implied, that this process will result in a business transaction with any CONTRACTOR.

9. Notification of Withdrawal of Bid

CONTRACTOR may modify or withdraw its bid by written request, provided that both bid and request is received by the Town prior to the bid due date. Bids may be re-submitted in accordance with the Bid Notice due date in order to be considered further. Bids become the property of the Town at the bid submission deadline. All bids received are considered firm offers at that time.

VENDOR NAME Reladyne Northeast LLC

10. Exceptions to the Bid Specifications

Any exceptions to the Bid Specifications or the Town's terms and conditions, must be highlighted and included in writing in the bid. Acceptance of exceptions is within the sole discretion of the evaluation of the Town.

11. Award of Contract

The final award of a contract is subject to approval by the Town. The Town has the sole right to select the successful CONTRACTOR(S) for award, to reject any bid as unsatisfactory or non-responsive, to award a contract to other than the lowest priced bid, to award multiple contracts, or not to award a contract. Notice in writing to a CONTRACTOR of the acceptance of its bid by the Town will constitute a contract, and no CONTRACTOR will acquire any legal or equitable rights or privileges until the occurrence of such event.

12. Contract Terms and Conditions

The term of the contract between the successful bidder and the Town shall be for one (1) year from date of award. At the end of the contract period, the contract may be extended (not to exceed 1 one (1) year extension) upon the same terms and conditions at the sole discretion of the Town of Riverhead and with the consent of the vendor. The Town also reserves the right to cancel this contract at any time without notice.

13. Independent Contractors

The parties to the contract shall be independent contractors to one another, and nothing herein shall be deemed to cause this agreement to create an agency, partnership, joint venture or employment relationship between parties. Each party shall be responsible for compliance with all applicable workers compensation, unemployment, disability insurance, social security withholding and all other similar matters. Neither party shall be liable for any debts, accounts, obligations or other liability whatsoever of the other party or any other obligation of the other party to pay on the behalf of its employees or to withhold from any compensation paid to such employees any social benefits, workers compensation insurance premiums or any income or other similar taxes.

14. Licenses and Permits

In performance of the contract, the CONTRACTOR will be required to comply with all applicable federal, state and local laws, ordinances, codes, and regulations. The cost of permits and other relevant costs required in the performance of the contract shall be borne by the successful CONTRACTOR. The CONTRACTOR shall be properly licensed and authorized to transact business in the State of New York.

15. Notice

Any notice to the Town of Riverhead required under the contract shall be sent to:

Teresa Baldinucci, Purchasing Agent
Town of Riverhead
200 Howell Avenue
Riverhead, NY 11901

VENDOR NAME Reladyne Northeast LLC

16. Indemnification

a. General Indemnification:

By submitting a bid, the proposing CONTRACTOR agrees that in the event it is awarded a contract, it will indemnify and otherwise hold harmless the Town of Riverhead, its agents and employees from any and all liability, suits, actions, or claims, together with all costs, expenses for attorney's fees, arising out of the CONTRACTOR'S its agents and employees' performance work or services in connection with the contract, regardless of whether such suits, actions, claims or liabilities are based upon acts or failures to act attributable, whole or part, to the Town, its employees or agents.

b. Insurance

i. CONTRACTOR recognizes that it is operating as an independent contractor and that it is liable for any and all losses, penalties, damages, expenses, attorney's fees, judgments, and/or settlements incurred by reason of injury to or death of any and all persons, or injury to any and all property, of any nature, arising out of the CONTRACTOR'S negligent performance under this contract, and particularly without limiting the foregoing, caused by, resulting from, or arising out of any act of omission on the part of the CONTRACTOR in their negligent performance under this contract.

The CONTRACTOR shall maintain such insurance as will protect against claims under Worker's Compensation Act and from any other claims for damages for personal injury, including death, which may arise from operations under this contract. The CONTRACTOR is an independent contractor and is not an employee of the Town of Riverhead.

ii. During the term of this contract, the CONTRACTOR shall, at its own expense, carry insurance minimum limits as set forth above.

17. Piggybacking Clause Method of Award

The contract, if awarded, will be to the lowest responsive/responsible bidder(s) in part or in whole who meet(s) all the terms of the specifications. The TOWN guarantees no minimum or maximum purchases or contracts as a result of award of this bid. The Town of Riverhead reserves the right to allow all municipal and not for profit organizations authorized under the General Municipal Laws of the State of New York, to purchase any goods and/or services awarded as a result of this bid in accordance with the latest amendments to NYS GML 100 through 104. However, it is understood that the extension of such contracts are at the discretion of the vendor and the vendor is only bound to any contract between the Town of Riverhead and the vendor. Additionally, the TOWN reserves the right to purchase any goods or services included as a part of this bid from any means legally available to it.

18. Delivery Instructions

Deliveries to be made to the Municipal Garage in no later than 2 days after order is placed. There will be no pick up for any items.

VENDOR NAME Reladyne Northeast LLC

I. BID SPECIFICATIONS

1. Scope

The Town of Riverhead seeks vendors, who are authorized to supply Lubricant items expressly mentioned in the specifications of this bid. The items are listed below and in the attached Bid Response Form. The Town's Municipal Garage Department, and as may be overseen by the Purchasing Director, will be the Department responsible for the ordering and delivery of the merchandise necessary for Town owned vehicles, including vehicles necessary for Police, Engineering and Buildings & Grounds etc.

2. Pricing & Bid Award

- a. Bidders must submit their bid based upon the quantities & descriptions listed that is in effect at the time and date of bid opening. The prices shall remain in effect throughout the term of the contract. The prices quoted shall include all delivery costs or in the alternative be net FOB any point in the Town of Riverhead, New York.
- b. The Town will evaluate all bids based upon price, discount, type or quantity of supplies available on hand, and proximity to Town Municipal Garage and make one or more than one award to such bids deemed in the best interest of the Town.

3. Quality and Quantities

- a. The Town intends to purchase at least one (1) unit/part under this contract if funding allows but may order less or more, if necessary. However, the contractor must furnish the quantity actually ordered.

4. Warranty & Inspection of Parts/Equipment

- a. The Successful Bidder warrants any goods furnished shall be of the highest quality, shall comply with specifications. Any defective merchandise shall be immediately replaced free of cost to the Town.
- b. The TOWN OF RIVERHEAD's representatives, upon approval by the contractor and manufacturer, shall have the right and shall be at the liberty to inspect, with the cooperation of the contractor and manufacturer, all materials and at any time during the manufacturing process and shall have the right to reject all materials which do not conform with the specifications. The Town is under no duty to make such inspection; and if such inspection is made or not made, the contractor shall not be relieved of any obligation to furnish materials strictly in accordance with specifications. All reports shall be submitted to the contractor and the manufacturer.
- c. The Town must receive all products ordered within the time estimated by the vendor on the bid return sheet. In the event the successful bidder fails to deliver the specified items in good order within the time frame allowed, the TOWN reserves the right to purchase the product elsewhere, and any excess cost to the TOWN will be absorbed by such delinquent Successful Bidder.
- d. The Successful Bidder is responsible for all aspects of delivery, including, unloading of items from the delivery truck and the safe and secure placement of the items in the designated area and the Town accepts no responsibility for unloading and placing the items.

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e. In the event delivery of completed products under this contract shall be necessarily delayed because of strike, injunctions, government controls or by reason or any other cause of circumstance beyond the control of the contractor, the time of completion of delivery shall be extended by a number of days to be determined in each instance by mutual agreement between the Town and the Contractor.

5. Invoices & Payments

- a. The vendor shall either accept a Town issued credit card or the vendor shall put the item(s) "on account" and submit an invoice for payment to the Town on a monthly basis. The vendor shall not require cash payment for any item.
- b. All invoices, vouchers, packing slips and any correspondence shall include the following: date/time; description of item; identify the Town employee receiving the item. All invoices shall be submitted for payment to:

**Town Hall Attn: Municipal Garage
200 Howell Ave.
Riverhead, NY 11901**

6. Contract Period

The contract period for this bid award shall be for one (1) year from date of award with the option to extend the contract for one (1) additional twelve-month period, upon the mutual agreement of both parties.

7. Municipal Indemnification

The successful bidder must agree to save, keep, bear harmless and fully indemnify the Town and any of its officers, agents, or representatives from all damages, costs or expenses in law or equity that may at any time arise or be set up for an infringement of the patent rights of any person or persons in consequence of the use by the Town or by any of its officers, agents or representatives of articles supplied under the contract arising from bids submitted and of which the successful bidder and manufacturer are not lawfully entitled to sell, provided the Town gives the successful bidder and manufacturer prompt notice in writing of any suit and all information necessary to defend same.

8. Confidential and Proprietary Information

- a. All information contained in the Bid is subject to production under the New York Freedom of Information Act. Each Bidder shall be responsible for identifying all information in its Bid that it considers confidential and proprietary and not subject to release to the general public for any reason by including with its Bid a separate list entitled "Confidential and Proprietary Information". The list shall identify all such information and shall include the location of such information in the Bid, including page numbers, as well as an explanation as to why each piece of information is considered to be confidential and proprietary. All information not included on the list, even if marked as confidential or "proprietary, shall be considered public information and is subject to release at such time identified in the Town of Riverhead Procurement Policy and as required under the Freedom of Information Act.
- b. Reasons given for considering information within a Bid Response confidential or proprietary shall be legally justifiable, which is within the sole discretion of the County. Indicating that a Bid Response in its entirety is confidential and proprietary is not legally justifiable, is not acceptable, and may be grounds for the Town rejecting the Bid Response on the grounds that the Bid Response is not responsive.

VENDOR NAME Reladyne Northeast LLC

- c. Limitations to Liability: Town of Riverhead assumes no responsibility and no liability for costs incurred by Successful Bidder in responding to this bid, including requests for additional information. The Town assumes no responsibility and shall not be liable in any way for the release to the public of information that is contained in the Bid Response.
- d. Bidder agrees to promptly provide any non-confidential information or materials required by the Town to respond to such requests, to the extent required by law.

10. Independent Contractor

In the performance of this Agreement, the Bidder, including its employees, agents, and subcontractors shall act solely as an independent contractor, and nothing contained in or implied by this Agreement shall be construed at any time to create any other relationship between the Town and the Bidder, including employer and employee, partnership, principal and agent, or joint venture.

11. Assignment

The Contract resulting from this bid and the compensation, which may become due thereunder are not assignable except with prior written approval of the Town.

12. Interpretation

The Contract resulting from this Solicitation shall be construed under the laws of the State of New York.

13. Indemnification

If a Contract is awarded, the Successful Bidder shall be required to indemnify, defend, and hold the County, its employees, and agents harmless from and against any and all claims, loss, liability, cost, and expenses, including attorney fees, howsoever arising or incurred, alleging personal injury, bodily injury, including death, or property damage arising out of or attributable to the Successful Bidder's performance of the Contract awarded.

14. Termination Process

a. Termination for Convenience:

Notwithstanding anything contained herein, the Town may terminate this Agreement anytime, in whole or in part, without showing cause by providing thirty (30) days written notice to the Successful Bidder. The Town shall pay all reasonable costs incurred by the Successful Bidder up to the date of termination. The Successful Bidder shall not be reimbursed for any anticipatory profits, which have not been earned to the date of termination.

b. The Successful Bidder shall be provided 30 days' notice of any termination not for cause and shall only perform such work during the 30-day notice period that is authorized in writing by the County's Purchasing Agent.

c. This Agreement may be terminated by the Town upon at least seven (7) days' notice to the Successful Bidder in the event that: (1) the Work is permanently abandoned by the Town; (2) continued Work is deemed by the Town, in its sole discretion, not to be in the best interests of the Town; or (3) monies are no longer available or are not appropriated to fund the Work being performed or to be performed under this Agreement.

d. Termination for Cause:

Notwithstanding anything contained herein, if the Successful Bidder fails to fulfill its obligation under this Agreement properly and on time or otherwise violates any provision of this Agreement, the Town may terminate this Agreement by written notice to the Successful Bidder. The notice shall specify the acts or omissions relied upon as cause for termination. All finished or unfinished goods or services provided by the Successful Bidder shall, at the Town's option, become the Town's property. The Town shall pay the successful Bidder fair

VENDOR NAME Reladyne Northeast LLC

and equitable compensation for satisfactory performance prior to receipt of notice of termination less the amount of damages caused by the Successful Bidder's breach. If the damages are more than the compensation payable to the Successful Bidder, the Successful Bidder shall remain liable after termination, and the Town may take all steps necessary to collect damages.

VENDOR NAME Reladyne Northeast LLC

LUBRICANTS
PROPOSAL/BID SHEET

1. Company information:

a. Name, physical address, mailing address, telephone number, fax number, the name of the primary contact for this bid, and the e-mail address for the primary contact and/or main office.

Reladyne Northeast LLC
35 Drexel Drive, Bay Shore, NY 11706
P: (631) 234-8900 F: (631) 234-8902 e: contractorders@
Reladyne.co

b. Confirm that the company is an authorized dealer/distributor of items

Yes

or

No

2. Insurance:

- a. Proof of Comprehensive General Liability Insurance, including products completed, contractual, property and personal injury in the amount of \$1,000,000.00 per occurrence and \$2,000,000.00 in the aggregate; and
- b. Proof of professional liability insurance in the amount of (\$1,000,000.00.); and
- c. Proof of Automotive/Equipment Liability (Bodily Injury and Property Damage) insurance in the amount of \$100,000 (per occurrence)/\$300,000 (total).

(Bidder must submit proof of insurance with bid.) ** will provide if awarded items*

3. Identify or provide information regarding availability "in stock" or ability to supply within the time parameters set forth in the bid specifications:

We won items on the 2020 contract, and efficiently met delivery time frames. We will continue to meet/exceed delivery timeframes as best as we can in these trying ¹³ times.

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SPECIFICATIONS

Lubricants:

All base oil must be premium 100% Paraffin solvent refined or hydro cracked with a minimum Viscosity index of 95 or higher. The finest field tested and OEM approved additive packages must be employed to provide the maximum performance capability.

Lubricants must be of an extended service capable design. Extended service must be supported by approved performance data indicating quality performance and extended equipment life.

Multi-viscosity SAE 15W-40 Motor Oil must meet API CJ-4/SM requirements with a TBN of 10 using ASTM D-2896 and sulfated ash of less than 1% using ASTM D-874. The Bid 15W-40 must meet or exceed the outlines and specification requirements listed.

Hydraulic Oil of ISO Viscosity grades 32 and 46 must pass the ASTM D-943 Oxidation Test for 3000+ hours. They must meet or exceed the outlines and specification requirements listed.

Gear Lubricant SAE 85W-140 must meet API GL-5 requirement as well as the latest Mack EO-J and Meritor Rockwell 076A, 076D and 076F specifications. It must also be suitable for limited slip applications.

All oils must meet military oil compatibility requirements of all seals and O-rings.

Antifreeze must be Ethylene Glycol Base and be compatible with all antifreeze formulas regardless of color. Antifreeze must be highest quality to meet or exceed the outline and specifications specified.

All bidders must supply a copy of their API license with the bid indicating approval to display the API "Doughnut".

All products submitted for consideration must be supported by recognized lubricant test and performance data sheets. Bidder must submit supporting Data Sheets along with bid forms.

After thorough review of all bidder entries, the award will be made for the complete bid to the bidder providing the most comprehensive bid meeting the subscribed specifications.

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GEAR LUBRICANT

GEAR LUBRICANT - A sulfur-phosphorus extreme pressure type of gear lubricant containing limited slip additives. It must maintain a lubricating film under severe loads, such as those encountered in Hypoid Gears. Recommended wherever API GL-4, GL-5, MT-1, SAE J 2360 (formerly MIL-PRF-2105E), Mack GO-H, or Mack GO-J lubricant is specified. It should not contain highly active sulfur or zinc.

Must meet and exceed manufacturer & military specifications:

Arvin Mentor (Rockwell Standard) 0-76D International Harvester B-22
 Mack GO-G, GO-H, GO-J
 SAE J 2360 (FORMERLY MIL-PRF-2105E)

Physical Properties:

Viscosity	SAE 80W-90	SPEC	BID OIL
Max. Temp for Viscosity	SAE 80W-90		
150 cP, °C		-26	-26
Viscosity 100° C			
Min. (cSt)		13.5 min.	14.4
Max. (cSt)		<24 max.	
Channel Point, Max. °C		-35	-35
Viscosity Index, Min.		95	95
Flash Point °C		165	205
Pour Point °C, Max.		-20	-20

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MERCON V TRAN FLUID

Bid product to be blended using 100% hydrocracked base oil and highest quality Additive package providing outstanding performance in the latest Ford Transmission Designs. Bid fluid to contain a generous supply of rust, oxidation, and anti-foam additives.

Bid product to provide outstanding low temperature pump-ability and shear stability.

Bid product to meet or exceed specification Mercon V, Mercon, Dexron III, Dexron IIE, and Dexron II.

Bid product to meet or exceed the following physical properties:

PHYSICAL PROPERTIES:

Gravity ° API		34 Min.
Flash Point, °C.	ASTM	204 Min.
Viscosity CP at -40°C,	ASTM	7670 Max.
Viscosity cSt at 40°C	ASTM	36.7 Max.
Viscosity cSt at 100°C	ASTM	7.82 Max.
Viscosity Index	ASTM	199 Min.
Pour Point°C		-55 Max.
Pour Point °F		-67 Max.
Color		Red

VENDOR NAME

Reladyne Northeast LLCMOTOR OIL SAE 15W-40

Motor Oil SAE 15W-40 to be Advanced Quality super heavy-duty engine oil formulated from special base oil and proven, balanced technologically superior additive chemistry.

Must meet worldwide OEM's high performance requirements, specifically, control of residues resulting from EGR (Exhaust Gas Re-circulation) technology and extend DPF (Diesel Particulate Filter) filter life.

- Field proven, extended oil change capable
- Long term highly improved high temperature control of piston and ring belt deposits
- Superior EGR fuel soot dispersions and oxidation control minimizes viscosity increase
- Unparalleled soot wear protection and advanced friction reduction
- Control bore polish and reduce oil consumption to extend engine life
- Give exemplary performance in the latest low emissions, as well as older diesel engines
- Meet and exceed API diesel requirements "CJ-4"

Bid Motor Oil SAE 15W-40 to meet and exceed the following specifications:

API (AMERICAN PETROLEUM INSTITUTE) SERVICE CATEGORIES:CJ-4, CI-4 PLUS, CJ-4, CF-4, CF-2SL and SJ MANUFACTURERS

ACEA F7 04	GM ALLISON C-4	MAN-3275
CATERPILLAR ECF-2, ECF-3	GMC 6094, 6085M	MERCEDES BENZ 228.3
CUMMINS CES 20081, 20078, 20077	GLOBAL DHD-1	
NAVISTAR/INTERNATIONAL		
DDC 7SE270, POWERGARD 93K218	JASO DH-2	RENAULT RLD-3
DDC MTU TYPE I & II	MACK EO-N PREMIUM PLUS '03	VOLVO VDS-3
FORD M2C153-E		VOLVO VDS-4

MILITARY SPECIFICATIONS

MIL-PRF-2104G MIL-CID-A-A52306A
 MIL-CID A-A-52039B (formerly MIL-L-46152)

PHYSICAL PROPERTIES TYPICAL FOR BID OIL

Viscosity, cSt @ 100°	14.4 Min.	Phosphorus	1200 ppm Max.
Viscosity Index	140 Min.	Sulfur %	.4 Max.
Border Line Pumping Temperature°	-25 Max.		
Flash Point	400 Min.		
Pour Point	-20 Max.		
VII Shear Stable Rating	35 SSI Max.		
HT/HS C; 150° C, ASTM D 4683	4.3 Min.		
After 90 cycles Shear ASTM D 7109	4 Min.		
Zinc % wt.	.13 Min.		
Total Base Number (TBN) ASTM D 2896	10 Min.		
Sulfated Ash % wt.	1 Max.		
Noack %	15% Max.		

VENDOR NAME

Reladyne Northeast LLC

Bid Motor Oil Specifications page 2

Bid Motor oil must meet or exceed the following engine oil performance requirements per API CJ-4/SM

SPECIFIC ENGINE TESTS	API CH-4 MINIMUM REQUIREMENT	BID OIL
<u>MACK T-12 EGR TEST</u>		
Mack Merit rating (min.)	1300	1302 Min.
Top ring Weight Loss (DM Max.)	105	52 Max.
Cylinder Wear Loss (DM Max.)	24	14 Max.
Lead 0-3—(PPM Max.)	35	22 Max.
Lead 250-3000 HR (PPM Max.)	12	8 Max.
Oil Consumption (% Max.)	85	74 Max.
End of Test E.O.T. used oil/new oil-Lead (ppm Max)	30	22 Max.
<u>MACK T-11 SOOT HANDLING</u>		
Viscosity increases (cSt) w/6.85 soot max.	15cSt	75cSt Max.
<u>CUMMINS ISM EGR ASTM D-02</u>		
Cummins Merit Rating (min.)	1000	1475 Min.
Crosshead Wt. Loss @3.97% Soot (Me) Max.	7.5	5 Max.
OFDP On Filter Delta Press @ 150 hrs. KPA Max.	19	2 Max.
AVAS Average Valves adjusting screw wt. loss Max.	45	9.7 Max.
<u>CUMMINS 1SB EGR ASTM D-02</u>		
Average Slider tappet wgt. Loss mg max.	112	84 Max.
<u>ROLLER FOLLOWER WEAR TEST ASTM D-5966</u>		
Average Pin Wear UM Max.	9.1	7.7 Max.
Bore Polishing CM Max.	150	18 Max.
Oil Consumption 0-400 hr. g/hr.	35	26 Max.
Oil Consumption 300-400 hr. g/hr.	35	26 Max.
<u>CATERPILLAR C-13</u>		
Cat Merit Rating Min.	1000	1075 Min.
Oil consumption g/hr. Max.	31	25 Max.
Average TLC Demerit Max.	35	24 Max.
Average TGC Demerit Max	63	47 Max.
200 Ring Top Face Carbon Demerit Max.	33	21 Max.
<u>CATERPILLAR IN</u>		
Weighted Demerits Max.	323	235 Max.
Top Groove Fill Max.	25	13 Max.
Top Land Heavy Carbon Max.	5	0 Max.
Piston/Ring/Liner Scuffing		None
Motor Oil 15W-40 Cont.		

VENDOR NAME

Reladyne Northeast LLCDETROIT DIESEL CORP.POWERGUARD OIL SPEC 93K218

	Test	Spec Required	Bid Oil
Viscosity cSt @ 40° C	ASTM D 445	R	122.5 Max.
Viscosity cSt @ 100° C	ASTM D 445	R	16.0 Min.
After 90 Cycles	ASTM D 1709	12.5 Min.	13.5 Min.
HT/HS CP @ 150° C	ASTM D 4683	R	4.3 Min.
After 90 Cycles	ASTM D 7109	3.9 Min.	4 Min.
Volatility Mass @ 250° C	ASTM D 97/05950	13% Max.	11% Max.
Base Number TBN	ASTM D 2896	-----	10 Min.
Sulfated Ash %	ASTM D 874	1 Max.	1 Max.

FOAM TENDENCY STABILITY

(Volume of foam after 5 minutes of aeration / after 10 minutes setting)

SEQ I Max.	ASTM D 892	10/0	0/0 Max.
SEQ II Max.	ASTM D 892	20/0	0/0 Max.
SEQ III Max.	ASTM D 892	10/0	0/0 Max.

USED OIL ELEMENT CONCENTRATION 135° C PPM ABOVE BASELINE

Copper	ASTM D 6594	20 Max.	8 Max.
Lead	ASTM D 6594	120 Max.	27 Max.
Tin	ASTM D 6594	50 Max.	0 Max.
Specimen Discoloration	ASTM D 130	3 Max.	1A Max.

VENDOR NAME

Reladyne Northeast LLCALL PURPOSE TRANS AND TORQUE FLUID

Bid Fluid to be 100% Parafine Solvent cracked base oil using highest quality additive package to provide maximum protection for all machines listed using a common reservoir for hydraulics, transmission, converter, wet clutch, differential, power steering and hydrostatic applications. Product to have extremely high viscosity index with generous supply of rust, corrosion and oxidation resistance. Product must be compatible with the latest clutch and elastimer materials and excellent pump-ability under both high and low temperatures.

Bid product to meet or exceed the following physical properties and performance tests:

Physical Properties

Viscosity, SUS @ 210°F.	55-58 Min.
Viscosity, SUS @ 0°F. Max. (Extrap.)	11,000
Viscosity, SUS @ 0°F. (Brookfield) cps. Max.	3,650
Viscosity Index	135 Min.
Flash Point, ° F. Min.	380
Pour Point, ° F. Max.	-35
Copper Strip Corrosion, Max.	1

Performance Requirements:

Timpken OK Land, Lbs. Min.	40
Oxidation Tests (100 hours @ 300°F.)	
Evaporation Loss % Max.	5 (1.5 typical)
Viscosity Increase % 100° F. % Max.	12 (6.0 typical)
Viscosity Increase % 210° F. % Max.6	
Sludge Formation	None
Additive Separation, Max.	Trace
Foam, All Sequence, N1. Max.	25-0
Compatibility:	
With other oils	Pass
With rubber (70 hours @ 212° F.)	
% Volume Change	-5 to +5
Precipitation, Max.	Trace

Must meet and exceed manufacturers specifications:

Allis Chalmers PF 821
 AGCO Power Fluid 821XL
 Allison C-3, C-4
 Case MS 1207, MS 1210
 Cat TO-2
 CNH MAT 3525
 Deere JDM-J20A
 Deutz Allis PF 821 XL
 Ford M2C48-C, M2C134-C, M2C41-B, M2CE6-B
 I.H. Hy-Tran B-6 (see case MS 1207 "Hy-Tran Plus")
 Komatsu Dresser BO6-0002
 Kuboto UDT
 Massey Ferguson Permatran III
 Sunstrand-Sauer BLN-9887
 Volvo WB 101BM
 White Q-1826

VENDOR NAME

Reladyne Northeast CCC

SUPER CHASSIS GREASE (RED)

Super chassis grease to be multiple application, extremely adhesive, high temperature grease, using aluminum complex thickeners with a generous supply of synthetic copolymers and be seal compatible.

Grease to meet or exceed the following requirements:

NLGI GRADE: 2

ASTM TEST METHOD

D-217	Un-worked penetration	265.295
D-217	Worked Penetration	265-295
D-128	THICKENER TYPE	Aluminum
	Thickener %	8-10 Min.
	Color	Red
	Texture	Smooth – Tacky
D-2265	Dropping Point °F	560 Min.
D-445	Viscosity @ 100°F SUS	4400 Min.
D-445	Viscosity @ 210°F SUS	210 Min.
D-2270	Viscosity Index	110 Min.
D-92	Flash Point -°F	500 Min.
D-92	Fire Point -°F	540 Min.
D-97	Pour Point -°F	25 Min.
D-2509	Timken ok Load	70 Min.
D-2596	4 Ball Weld, kg.	500 Min.
D-1743	Rust	Pass
D-4049	Spray Resistant(washout)	5 Max.
D-1742	Oil Separation %	1.5 Max.

VENDOR NAME Reladyne Northeast LLC

BRAND NAME TO BE LISTED

MUST BE EQUAL TO
SPECIFICATIONS ABOVE

BID ITEM	APPROX. QUANTITY	PRODUCT	UNIT PRICE	EXTENDED PRICE
1	2 DRUMS	55 GALLON DRUM OF TRANSMISSION FLUID Mercon V BRAND <u>ValueOne Comp</u>	\$539	\$1,078.00
2	2 KEGS	120 LBS. KEG GEAR OIL 80W/90 BRAND <u>Starfire</u>	\$208	\$416.00
3	15 DRUMS	55 GALLON DRUMS HYDRAULIC OIL BRAND <u>All Fleet Aw 3246</u>	\$420	\$6,300.00
4	2000 GALLONS	15 W 40 ENGINE OIL BRAND <u>All Fleet 15w40</u>	\$8.59/g	\$17,180.00
5	5 DRUMS	55 GALLON DRUMS PERMANENT ANTIFREEZE & SUMMER COOLANT (FULL STRENGTH) BRAND <u>Duramax</u> <u>Green 100-1</u>	\$425.00	\$2,125.00
6	2 KEGS	120 LBS. SUPER CHASSIS GREASE (RED) BRAND <u>All Fleet HT</u>	\$319.00	\$638.00
7	2 DRUMS	55 GALLON ALL PURPOSE TRANS & TORQUE FLUID BRAND <u>All Fleet TO-4 10w</u>	\$524.00	\$1,048.00
8	2 KEGS	120LBS. SYNTHETIC GEAR OIL 80W/140 BRAND <u>Phillips 66</u>	\$519.00	\$1,038.00

PLEASE PRINT OR TYPE CLEARLY & LEGIBLY

VENDOR NAME

Reladyne Northeast LLC**NON-COLLUSIVE CERTIFICATE****(MUST BE COMPLETED, SIGNED, NOTARIZED AND RETURNED WITH BID)****UNDER PENALTIES OF PERJURY:**Jay Birnbaum (bidder), being duly sworn, deposes and says:

- A) This bid or proposal has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor;
- B) This bid or proposal has not knowingly been disclosed, prior to the opening of bids or proposals for this project, to any other bidder, competitor, or potential competitor;
- C) No attempt has been made or will be made to induce any other person, partnership, or corporation to submit or not to submit a bid or proposal;
- D) The person signing this bid or proposal certifies that he has been fully informed regarding the accuracy of the statements contained in this certification, and under penalties of perjury, affirms the truth thereof, such penalties being applicable to the bidder as the person signing on its behalf; and
- E) That the attached hereto (if a corporate bidder) is a certified copy of a resolution authorizing the execution of this certificate by the signatory of this bid or proposal on behalf of the corporate bidder.

Corporation: Reladyne Northeast LLC
(PRINT CORPORATION NAME)By: Jay Birnbaum
(SIGNATURE) (TITLE)Address: 35 Drexel Drive, Bay Shore, NY 11706Sworn to before me this 15day of February, 2022Jaclyn M. Henry
Notary Public

JACLYN M. HENRY
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01HE6392632
Qualified in Suffolk County
Commission Expires June 3, 2023

VENDOR NAME Reladyne Northeast LLC

I/WE FULLY UNDERSTAND THAT THE ACCEPTANCE OF THIS BID IS SUBJECT TO
THE PROVISIONS OF SECTION 103A AND 103B OF THE GENERAL MUNICIPAL LAW.

NAME OF AGENT/DEALER: Reladyne Northeast LLC

ADDRESS: 35 Drexel Drive, Bay Shore, NY 11706

CONTACTPERSON: Jaclyn Henry

DATE: 2/15/2022

SIGNATURE OF AGENT/DEALER: 

VENDOR NAME Reladyne Northeast LLC

IRAN DIVESTMENT ACT CERTIFICATION

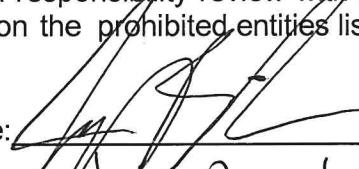
As a result of the Iran Divestment Act of 2012 (Act), Chapter 1 of the 2012 Laws of New York, a new provision has been added to the State Finance Law (SFL), § 165-a, effective April 12, 2012. Under the Act, the Commissioner of the Office of General Services (OGS) will be developing a list (prohibited entities list) of "persons" who are engaged in "investment activities in Iran" (both are defined terms in the law). Pursuant to SFL § 165-a(3)(b), the initial list is expected to be issued no later than 120 days after the Act's effective date, at which time it will be posted on the OGS website.

By submitting a bid in response to this solicitation or by assuming the responsibility of a Contract awarded hereunder, Bidder/Contractor (or any assignee) certifies that once the prohibited entities list is posted on the OGS website, it will not utilize on such Contract any subcontractor that is identified on the prohibited entities list.

Additionally, Bidder/Contractor is advised that once the list is posted on the OGS website, any Contractor seeking to renew or extend a Contract or assume the responsibility of a Contract awarded in response to the solicitation, must certify at the time the Contract is renewed, extended or assigned that it is not included on the prohibited entities list.

During the term of the Contract, should the TOWN OF RIVERHEAD receive information that a person is in violation of the above-referenced certification, the TOWN OF RIVERHEAD will offer the person an opportunity to respond. If the person fails to demonstrate that it has ceased its engagement in the investment which is in violation of the Act within 90 days after the determination of such violation, then the TOWN OF RIVERHEAD shall take such action as may be appropriate including, but not limited to, imposing sanctions, seeking compliance, recovering damages, or declaring the Contractor in default.

The TOWN OF RIVERHEAD reserves the right to reject any bid or request for assignment for an entity that appears on the prohibited entities list prior to the award of a contract, and to pursue a responsibility review with respect to any entity that is awarded a contract and appears on the prohibited entities list after contract award.

Signature: 

Print Name: Jay Birnbaum

Title: General Manager

Company Name: Reladyne Northeast LLC

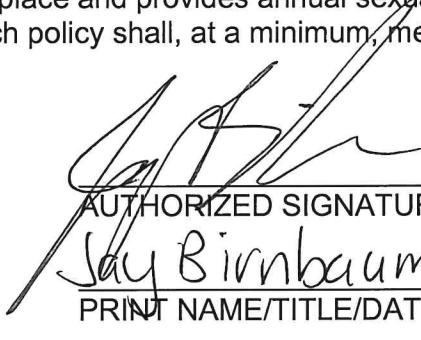
Date: 2/15/2022

VENDOR NAME Reladyne Northeast LLC

VENDOR NAME Reladyne Northeast LLC

SEXUAL HARASSMENT

"By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that the bidder has and has implemented a written policy addressing sexual harassment prevention in the workplace and provides annual sexual harassment prevention training to all of its employees. Such policy shall, at a minimum, meet the requirements of Section 201-G of the Labor Law."



AUTHORIZED SIGNATURE

Jay Birnbaum/ General Manager
PRINT NAME/TITLE/DATE
2/15/2022



VALUE-ONE™

VALUE ONE COMPLETE ATF w/LUBEGARD® TECHNOLOGY

DESCRIPTION/ APPLICATIONS: VALUE ONE Complete ATF w/Lubegard Technology is an automatic transmission fluid designed for today's electronically-controlled automatic transmissions. This product meets the requirements of DEXRON® III, MERCON® and Allison ATF. Unique friction modifiers allow extended friction retention and performance while retaining the smooth shifts required by a wide variety of vehicles. VALUE ONE Complete ATF w/Lubegard Technology meets the performance requirements for hydraulic pump manufacturers' requirements for anti-wear hydraulic fluids. Unique friction modifiers allow extended friction retention and performance while retaining the smooth shifts required by a wide variety of vehicles.

PERFORMANCE BENEFITS: VALUE ONE Complete ATF w/Lubegard Technology is formulated to meet the performance and frictional requirements of DEXRON® III, MERCON® and MERCON® V fluids. It provides protection and frictional compatibility for all cars and light trucks using Type A or Type A Suffix A, DEXRON®, DEXRON® II, DEXRON® IIE, DEXRON® III, MERCON®, MERCON® V ATF fluids. VALUE ONE Complete ATF w/Lubegard Technology is recommended for use in Chrysler (ATF+3,+4), Honda/Acura, Jeep, Toyota, Nissan, BMW, Hyundai, Isuzu, Kia, Mitsubishi, Mercedes-Benz, Saturn, Subaru, Voith, VW/Audi, and ZF.

VALUE ONE Complete ATF is suitable to be used in power-shift transmissions, torque converters, hydrostatic transmissions, and applications such as in air compressors, hydraulic pumps and other types of service where an ATF is recommended. Always check manufacturer's owner's manual for required fluid type and volume.

- Inventory optimization - only one type of ATF required for multiple applications.
- Frictional performance that eliminates shudder while enhancing shift feel quality.
- Superior oxidation and thermal stability for extended fluid life.
- Outstanding anti-wear performance for long component life.
- Compatible with all seals and gasket materials to prevent leaks.
- Provides excellent service in a wide variety of automatic transmission applications.

TYPICAL PROPERTIES:		
Gravity	32	ASTM D 4052, °API
Pounds per gallon	7.23	
Flash point, °C	204	ASTM D-92
Pour Point, °C	-45	ASTM D-97
Color	Red	
Viscosity		
@ 40°C, cSt	36.4	ASTM D-445
@ 100°C, cSt	7.87	ASTM D-445
Viscosity Index	155.3	ASTM D-2270
Brookfield Viscosity @ -40°C, cP	18,640	ASTM D-2983

VALUE-ONE™

Updated 2/21

Reladyne Northeast LLC • www.reladyne.com • 35 Drexel Dr • Bay Shore, NY 11706 USA

VLUCOMPATF

Packet Pg. 125

VALUE ONE COMPLETE MULTI VEHICLE ATF APPLICATION CHART FLUIDS THAT ARE COVERED

Makes	Year	Fluid Requirement	Replacement
JEEP Requiring Mopar® ATF+3® (7176)	84-96	MOPAR® ATF+3® (7176)	COMPLETE MV ATF
JEEP Requiring Mopar® ATF+4® (9602)	96-10	MOPAR® ATF+4® (9602)	COMPLETE MV ATF
KIA (Requiring DEXRON® III)	94-00	DEXRON® III / MERCON®	COMPLETE MV ATF
KIA (Requiring Kia Diamond SP-III)	00-10	Kia Kiamond SP-III (UM010-CH002)	COMPLETE MV ATF
LAND ROVER (Requiring DEXRON® III)	87-02	DEXRON® III / MERCON®	COMPLETE MV ATF
LAND ROVER (Requiring Esso LT 71141)	02-06	Esso LT 71141	COMPLETE MV ATF
LEXUS (Requiring DEXRON® III)	92-97	DEXRON® III / MERCON®	COMPLETE MV ATF
LEXUS (Requiring Toyota Type T-IV)	93-06	Toyota Type T-IV (PN 00279-000T4)	COMPLETE MV ATF
LINCOLN / MERCURY (Requiring MERCON®)	84-06	DEXRON® III / MERCON®	COMPLETE MV ATF
LINCOLN / MERCURY (Requiring MERCON® V)	95-10	MERCON® V	COMPLETE MV ATF
LINCOLN / MERCURY (Requiring XT-8-QAW)	06-10	XT-8-QAW (Type T-IV)	COMPLETE MV ATF
MAZDA (Requiring DEXRON® III)	86-06	DEXRON® III / MERCON®	COMPLETE MV ATF
MAZDA (Requiring MERCON®)	86-06	DEXRON® III / MERCON®	COMPLETE MV ATF
MAZDA (Requiring MERCON® V)	86-10	MERCON® V	COMPLETE MV ATF
MAZDA (Requiring Mazda M-V (Type M5))	00-11	Mazda ATF M-V (Type M5) (0000-77-112E-01)	COMPLETE MV ATF
MAZDA (Requiring Mazda JWS 3309/T-IV))	06-10	Mazda JWS 3309/T-IV (0000-77-114E-01)	COMPLETE MV ATF
MERCEDES (Requiring DEXRON® III)	85-99	DEXRON® III / MERCON®	COMPLETE MV ATF
MINI (Requiring 83 22 0 402 413)	06-10	Mini # 83 22 0 402 413/ T-IV / JWS 3309	COMPLETE MV ATF
MITSUBISI (Requiring DEXRON® III)	87-90	DEXRON® III / MERCON®	COMPLETE MV ATF
MITSUBISI (Requiring Dia Queen SP-III)	90-10	Mitsubishi Dia Queen SP-III (ACH1ZC1X05)	COMPLETE MV ATF
MITSUBISHI (Requiring Mopar® ATF+4® (9602)	05-08	MOPAR® ATF+4® (9602)	COMPLETE MV ATF
NISSAN (Requiring DEXRON® III)	86-06	DEXRON® III / MERCON®	COMPLETE MV ATF
NISSAN (Requiring Nissan Matic D)	88-08	Nissan Matic D (999MP-AA100P)	COMPLETE MV ATF
SATURN (Requiring DEXRON® III)	91-06	DEXRON® III / MERCON®	COMPLETE MV ATF
SATURN (Requiring T-IV)	02-09	Saturn T-IV (22689186) / GM # 88900925	COMPLETE MV ATF
SAAB (Requiring 40-93-160-393)	01-10	Saab 40-93-160-393 / JWS 3309	COMPLETE MV ATF
SCION (Requiring T-IV)	04-10	Toyota Type T-IV (00279-000T4)	COMPLETE MV ATF
SUBARU (Requiring DEXRON® III)	86-06	DEXRON® III / MERCON®	COMPLETE MV ATF
SUZUKI (Requiring DEXRON® III)	89-05	DEXRON® III / MERCON®	COMPLETE MV ATF
SUZUKI (Requiring Esso LT 71141)	04-06	Esso LT 71141	COMPLETE MV ATF
SUZUKI (Requiring 3317)	05-10	Suzuki 3317 / JWS 3309 / T-IV	COMPLETE MV ATF

Value One Complete Multi-Vehicle Synthetic Blend Automatic Transmission Fluid

Revision Date: 28-May-2018

Personal Precautions

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Surfaces may become slippery after spillage. Wear appropriate protective equipment and clothing during clean-up. Do not allow the spilled product to enter public drainage systems or open water courses.

Environmental Precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

Stop the flow of material, if this is without risk.

Methods for Clean-Up

Absorb with non-flammable suitable absorbent such as sand or earth. Scoop up used absorbent into drums or other appropriate container.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Avoid getting this material into contact with your eyes. Avoid prolonged or repeated skin contact with this material. Avoid the generation of oil mists. Wash thoroughly after handling. Use this product with adequate ventilation.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Do not store near heat, sparks, open flame or strong oxidizing agents. Do not store this material in open or unlabeled containers. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode.

Incompatible Materials

This product may react with strong oxidizing agents.

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

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces. If product is heated above 70 C (155 F) in the presence of water, hydrogen sulfide vapors may be released. Ventilation should be sufficient to keep hydrogen sulfide levels below recommended exposure limits. Eye wash fountains are recommended.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Wear safety glasses. Wear chemical goggles or face shield if splash or mist occurs.

Skin and Body Protection

Use impervious gloves for prolonged contact. Wear oil-impervious garments if contact is unavoidable.

Respiratory Protection

If mist is generated (heating, spraying) and engineering controls are not sufficient, wear approved organic vapor respirator suitable for oil mist.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

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

Component Information**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	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
------------------------	--

Numerical measures of toxicity

Not determined

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	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

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

CWA (Clean Water Act)

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

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	0	1	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	1	0	Not determined

Issue Date: 20-Oct-2012

Revision Date: 28-May-2018

Revision Note: New format

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

2



GL-5 Gear Lubricants

STARFIRE GL-5 Gear Oils are multi-purpose lubricants designed for service in Automotive and Heavy Duty applications. STARFIRE GL-5 Gear Oil is formulated with refined paraffinic base stocks and a sulfur-phosphorus extreme pressure additive package, which provides excellent thermal and oxidative stability, as well as anti-foam, anti-rust and anti-corrosion protection and has excellent load carrying capabilities.

Typical Applications:

- STARFIRE GL-5 Gear Oil meets the API GL-5, GL-4 Service Designations as well as the MIL-L-2105D and MIL Prf 2105E and is suitable for use in limited slip differentials.
- STARFIRE GL-5 Gear Oil meets Mack GO-H & GO-J and Proposed PG-1/PG-2 Service Designations, Scania STO110, Meritor-076D (80w90), and Meritor -076A (85w140), MAN 342 M2 (160,000 km), and MB235.80.
- STARFIRE GL-5 Gear Oil meets API MT 1. For use when extreme pressure (EP) gear oils are required: In all heavy duty truck differentials - In all domestic automobile differentials and some manually shifted transmissions- In heavy duty manually shifted truck transmissions, such as Eaton, requiring API MT 1 performance - In oil lubricated wheel bearings.

TYPICAL TEST DATA	80W-90	85W140
Viscosity: cSt @ 40°C cSt @ 100°C	130.9 13.98	347.7 26.39
Viscosity Index	104	100
Flash Point, COC, C° (F°)	224 (435)	235 (455)
Specific Gravity @ 60F	0.8885	0.9002
Gravity, API, 60°F	27.76	25.69

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: STARFIRE CONVENTIONAL GEAR LUBRICANTS 80W90, 85W140

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Gear Oil

Recommended restrictions: Not applicable

1.3. Details of the supplier of the safety data sheet

Manufacturer: Coolants Plus, Inc.
2570 Van Hook, Ave.
Hamilton, OH 45015

Information Phone: +01 888-258-8723

1.4. Emergency telephone number

Emergency phone number: CHEMTRIC: +1 (800) 424-9300
International: +01 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazardous to the aquatic environment - Acute Category 3

Hazardous to the aquatic environment - Chronic Category 4

2.2. Label elements

Hazard Statements H402 - Harmful to aquatic life.

H413 - May cause long lasting harmful effects to aquatic life.

Precautionary Statements

Prevention P273 - Avoid release to the environment.

Disposal P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

Hazards not otherwise classified: Avoid prolonged or repeated skin contact with used fluid.

Unknown acute toxicity (GHS-US)

Unknown Acute Toxicity 46.959906 % of the mixture consists of ingredient(s) of unknown toxicity.
(Gas):

SECTION 3: Composition/information on ingredients

Chemical Name	%	CAS #	GHS Classification
Residual oils, petroleum, solvent-refined	30 - 60	64742-01-4	Acute Tox. 4; H332 Acute Tox. 3; H331
Lubricating oils, petroleum, hydrotreated spent	30 - 60	64742-58-1	Aquatic Chronic 4; H413
Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).			

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not

SAFETY DATA SHEET

SECTION 4: First aid measures

Eyes	breathing, give artificial respiration and have a trained individual administer oxygen and get medical attention immediately.
Skin Contact	None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.
Ingestion	Wash with soap and water.
No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.
4.2. Most important symptoms and effects, both acute and delayed	
Symptoms	Not determined
4.3. Indication of any immediate medical attention and special treatment needed	
Note to Doctor	No additional first aid information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media	
Suitable and Unsuitable Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.
5.2. Special hazards arising from the substance or mixture	
Fire and/or Explosion Hazards	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
5.3. Advice for firefighters	
Fire Fighting Methods and Protection	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.
Hazardous Combustion Products	Carbon monoxide, Hydrogen sulfide, Nitrogen containing gases

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General Measures: No adverse health affects expected from the clean up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this SDS.

6.2. Environmental precautions

Do not flush to sewer.

Avoid runoff into storm sewers and ditches that lead to waterways.

Remove from water surface by skimming or with suitable absorbents. Do not use dispersants.

Avoid runoff into storm sewers and ditches that lead to waterways.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so.

Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. {EMSFORM_06GHS_CLEAN}

6.4. Reference to other sections

Follow all protective equipment recommendations provided in Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No special handling instructions due to toxicity.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Isolate from incompatible materials.

Incompatible materials

See Section 10.

7.3. Specific end use(s)

Gear Oil

SECTION 8: Exposure controls/personal protection

SAFETY DATA SHEET

8.1. Control parameters

Chemical Name	Occupational Exposure Limits	Value
Oil mist, mineral	OSHA PEL	5 mg/m ³
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m ³
Oil mist, mineral	ACGIH STEL	10 mg/m ³
None.	IDLH	
None.	OSHA PEL-Skin Notation	

8.2. Exposure controls

Engineering Measures	Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.
Respiratory Protection	Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.
Respirator Type(s)	None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.
Eye Protection	No special requirements under normal industrial use.
Skin Protection	Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
Gloves	Neoprene

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Color	Brown
Odor	Mild
Odor threshold	Not determined
pH	Not determined
Freezing point	Not determined
Boiling Point	Not determined
Flash Point (°C)	218
Flash Point Method	COC
Evaporation Rate	Not determined
Upper Flammable/Explosive Limit, % in air	Not established
Lower Flammable/Explosive Limit, % in air	Not established
Flammability (solid, gas)	Not applicable
Vapor pressure	Not determined
Vapor Density	Not determined
Relative Density	0.89
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity(°C)	134.8

9.2. Other information

Volatiles, % by weight	0.000000
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SECTION 10: Stability and reactivity

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous	Hazardous polymerization will not occur.

SAFETY DATA SHEET

SECTION 10: Stability and reactivity

reactions

10.4. Conditions to avoid

Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous

decomposition products

Carbon monoxide, Hydrogen sulfide, Nitrogen containing gases

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Ingestion Toxicity

Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death. Likely to be practically non-toxic by ingestion based on animal data.

Skin Contact

Estimated to be non-irritating to skin (Primary Irritation Index is <0.5 [rabbits]). No hazard in normal industrial use.

Absorption

Likely to be practically non-toxic based on animal data.

Inhalation Toxicity

No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.

Eye Contact

This material is estimated to be non-irritating eyes (Draize score <15 [rabbits]). No hazard in normal industrial use.

Sensitization

Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.

Mutagenicity

No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Carcinogenicity

Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

Reproductive and Developmental Toxicity

No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Specific target organ toxicity-Single exposure

Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category.

Specific target organ toxicity-Repeated exposure

Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.

Aspiration toxicity

Non-hazardous under Aspiration category.

Other information

No data available.

Agents Classified by IARC Monographs

Ethylene oxide	IARC Group 1
Not applicable	IARC Group 2A
Vinyl acetate	IARC Group 2B
Ethyl acrylate	IARC Group 2B
1,4-Dioxane	IARC Group 2B
Propylene oxide	IARC Group 2B

National Toxicity Program (NTP) Status

Ethylene oxide	Known Human Carcinogen
1,4-Dioxane	Reasonably Anticipated To Be A Human Carcinogen
Propylene oxide	Reasonably Anticipated To Be A Human Carcinogen

SECTION 12: Ecological information

12.1. Toxicity

Acute Aquatic ecotoxicity: Non-hazardous under Aquatic Acute Environment category.

Chronic Aquatic ecotoxicity: H413 - May cause long lasting harmful effects to aquatic life.

12.2. Persistence and degradability

Biodegrades at a moderate rate.

12.3. Bioaccumulative potential

Bioconcentration may occur.

SAFETY DATA SHEET

SECTION 12: Ecological information

12.4. Mobility in soil

This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal Methods

Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

Waste Disposal Code(s)

Waste Description for Spent Product

Spent or discarded material is non-hazardous according to environmental regulations.

Contaminated packaging:

Recycle containers whenever possible.

Recycle containers whenever possible.

Recycle containers whenever possible.

Recycle containers whenever possible.

SECTION 14: Transport information

DOT Basic Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

Description

SECTION 15: Regulatory information

Chemical Inventories

U.S. State Restrictions: Not applicable

WHMIS: Uncontrolled product according to WHMIS classification criteria.

Chemical Name	Regulation	CAS #	%
None.	CERCLA		
None.	SARA 313		
None.	SARA EHS		
None.	TSCA 12b		

U.S. State Regulations

Chemical Name	Regulation	CAS #	%
None.	California Prop 65- Cancer		
None.	California Prop 65- Dev.		
None.	Toxicity		
None.	California Prop 65- Reprod -fem		
None.	California Prop 65- Reprod-male		
None.	Massachusetts RTK List		
None.	New Jersey RTK List		
None.	Pennsylvania RTK List		
None.	Rhode Island RTK List		
None.	Minnesota Hazardous Substance List		

HMIS Ratings:

Health: 0

NFPA Ratings:

Health: 0

SAFETY DATA SHEET

Fire:	1	Fire:	1
Reactivity:	0	Reactivity:	0
PPE:	B		

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

SECTION 16: Other information

Revision Date	11/18/2015 4:52:05 PM
Supersedes:	11/10/2015 1:57:09 PM
References	<p>ACGIH: American Conference of Governmental Industrial Hygienists AIHA: American Industrial Hygiene Association CFR: Code of Federal Regulations DOT: United States Department of Transportation GHS: Globally Harmonized System of Classification and Labeling of Chemicals HMIS: Hazardous Materials Identification System IARC: International Agency for Research on Cancer IATA: International Air Transportation Association IDLH: Immediately Dangerous to Life or Health IMDG: International Maritime Dangerous Goods NFPA: National Fire Protection Association NIOSH: National Institute for Occupational Safety and Health NTP: National Toxicology Program OSHA: Occupational Safety and Health Administration PEL: Permissible Exposure Limit RTK: Right-to-Know SARA: Superfund Amendments and Reauthorization Act STEL: Short-term Exposure Limit TLV: Threshold limit value TSCA: Toxic Substances Control Act TWA: Time weighted average UN: United Nations WHMIS: Workplace Hazardous Materials Information System</p>
Disclaimer	<p>This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.</p>



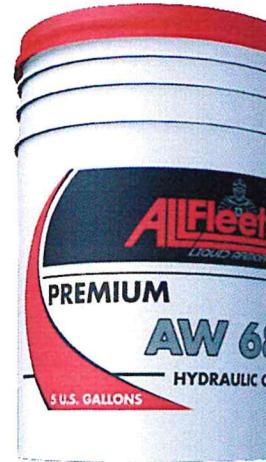
Premium AW Hydraulic Oils

22, 32, 46, 68

ALLFLEET® Premium AW Hydraulic Oil is a high viscosity index, anti-wear hydraulic oils blending from superior quality base stocks. It is available in five viscosity grades to comply with most industrial applications. All grades are formulated according to the ISO viscosity grade classification

ALLFLEET AW Hydraulic Oils contain additive systems which impart characteristics most desired in these types of oils:

- Excellent thermal stability – ALLFLEET Premium AW Hydraulic Oils contain the latest thermally stable zinc-type additives, virtually eliminating the formation of heat-related sludging in electro-hydraulic servos associated with conventional zinc-types oils.
- Excellent rust protection.
- Excellent anti-wear protection to pumps, motors, valves, and other hydraulic circuit components.
- Excellent antifoam protection.
- Excellent hydraulic stability in the presence of water will not contribute to the formation of corrosive reactants or metal-etching acids.
- Excellent Dielectric Strength: >35kV



ALLFLEET Premium AW Hydraulic Oils may be recommended for applications when a premium quality, antiwear hydraulic oil is required by equipment manufacturers. The oils meet the rigorous performance requirements including Denison HF-0 and HF-2; Cincinnati Milicron P-68, P-69, and P-70; VickersM-2950-S and 1-286-S; and passes Vickers 35VQ25 Pump Test.

ALLFLEET Premium AW Hydraulic Oils provide excellent vane pump wear and protection. Extremely low pump part weight losses were encountered in the ASTM-D-2882 Vane Pump Wear Tests. Piston pump performance is also outstanding. No evidence of wear or distress was observed at the end of the 100-hour (5000psi) Denison P-46 Axial Piston Pump Test.

ISO Viscosity Grade	22	32	46	68
Viscosity @ 40 °C, cSt	22.59	30	42.7	62.9
Viscosity @ 100 °C, cSt	4.48	5.26	6.57	8.43
Viscosity, SUS @ 210 °F	36.6	43.9	48.2	54.6
Viscosity Index	110	106	105	104
API Gravity	34.17	31.2	30.4	29.7
Flash Point: °C		220	226	235
Pour Point: °C	-45	-36	-33	-30
Color (ASTM-D 1500)	0.5	0.5	1.0	1.5
Oxidation (ASTM-D943)	4000+	>5000	>5000	>5000
Total Acid # (ASTM-D974) (ASTM-D665A)	0.5	0.5	1.0	1.5
	PASS	PASS	PASS	PASS

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XX.039.052518

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and maintenance practices.

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(3)



10.22.a

Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

ALLFLEET Premium AW Hydraulic Oils

Product Use: Hydraulic Oil

Product Grade(s): 22, 32, 46, 68

Product Number(s): 952470022AW, 952470032AW, 952470046AW, 952470068AW

Company Identification

RelaDyne, LLC

8280 Montgomery Road, Suite 101

Cincinnati, OH 45236

888-830-3156

www.reladyne.com

Transportation Emergency Response

INFOTRAC 800-535-5053

email : sales@reladyne.com

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION: Not classified as hazardous according to 29 CFR 1910.1200 (2012).

HAZARDS NOT OTHERWISE CLASSIFIED: Not Applicable

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Highly refined mineral oil (C15 - C50)	Mixture	70 - 99 %weight

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

Skin: No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

Ingestion: No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.

Inhalation: No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

Most important symptoms and effects, both acute and delayed

Revision Number: 8

1 of 7

ALLFLEET Premium AW Hydraulic Oil

Revision Date: June 4, 2018

SDS : 039



IMMEDIATE HEALTH EFFECTS

Eye: Not expected to cause prolonged or significant eye irritation.

Skin: Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin. High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first; but, if left untreated, could result in disfigurement or amputation of the affected part.

Ingestion: Not expected to be harmful if swallowed.

Inhalation: Not expected to be harmful if inhaled. Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing.

DELAYED OR OTHER HEALTH EFFECTS: Not classified

Indication of any immediate medical attention and special treatment needed

Note to Physicians: In an accident involving high-pressure equipment, this product may be injected under the skin. Such an accident may result in a small, sometimes bloodless, puncture wound. However, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration, and intense throbbing pain. Immediate treatment at a surgical emergency center is recommended.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Unusual Fire Hazards: Leaks/ruptures in high pressure system using materials of this type can create a fire hazard when in the vicinity of ignition sources (eg. open flame, pilot lights, sparks, or electric arcs).

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions: This material will burn although it is not easily ignited. See Section 7 for proper handling and storage. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

General Handling Information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Precautionary Measures: DO NOT USE IN HIGH PRESSURE SYSTEMS in the vicinity of flames, sparks