



1001 Trout Brook Crossing
Rocky Hill, CT 06067-3910
Telephone: (860) 571-5100
FAX: (860) 571-5465

Product Description Sheet

ViperLube™ Aerosol High Performance Synthetic Grease

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PRODUCT DESCRIPTION

LOCTITE® ViperLube™ High Performance Synthetic Grease is an advanced multi-purpose NLGI Grade 2 grease in a convenient aerosol spray. It is composed of synthetic PAO (polyalphaolefin) base stocks and calcium sulphonate additive. The grease is designed for use as a long-life lubricant to provide superior protection in industrial applications.

TYPICAL APPLICATIONS

LOCTITE® ViperLube™ Aerosol High Performance Synthetic Grease is an excellent lubricant for industrial processes where a wide range of operating temperatures and environments are encountered. LOCTITE® ViperLube™ Aerosol High Performance Synthetic Grease may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals, and as a lubricant for machine parts and equipment. **The product is under evaluation for NSF Registration H1 requirements and may be acceptable to use as a lubricant with incidental food contact for use in official establishments operating under the Federal meat and poultry inspection process.**

TYPICAL PROPERTIES

Property

Appearance	Clear Liquid
Base Oil type	Polyalphaolefin
Specific Gravity @ 25°C, g/cc	0.95 – 1.05
NLGI Grade	2
Penetration, ASTM D217, 1/10 mm	290
Dropping Point, ASTM D2265, °C	318
Flash Point, °C	>190
Bearing Corrosion, ASTM D1743, rating	Pass
Lo Temp. Torq -40°C, ASTM D1478, g-cm	
START	3783
1 HOUR RUNNING	598
Evap. Loss 22 hr, 100°C, ASTM D972, %	0.11
Oil Separation, Cone Bleed @ 100°C, ASTM D6184, %	0.2
Salt Fog Corrosion, ASTM B117, hours	350+
Copper Corrosion, 24 hours @100°C, ASTM D4048	1B
Water Resistance @ 80°C, ASTM D1264, %	0.0
Wear Protection, Scar Diameter, ATM D2266, mm	0.42
EP Performance, ASTM D2596	
Load Wear index, kgf	53.2
Weld Point, kgf	400
Oil Separation in Storage, ASTM D1742, %	NIL
Bomb Oxidation, ASTM D942, kPa drop (1000 hours)	-27.6
Wheel Bearing Leakage, ATM D4290, g	4.51

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

COMPATIBILITY

Since plastics and elastomers can be formulated and manufactured to have a wide range of physical properties, it is recommended that compatibility for the particular grade or product formulation be established for the specific application.

Elastomer Compatibility, NBR-L

Percent Swell, ASTM D4289, 70 hours @ 150°C, % swell	2.96
Hardness Change, durometer, Shore A, pts	-1

Data Ranges

The data contained herein may be reported as a typical value and/or range. Values are based on actual test data.

Ordering Information

Item Number	Container Size
36786	11 oz. Aerosol Can

Storage

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. To prevent contamination of unused product, do not return any material to its original container. For specific shelf-life information, contact your local Technical Service Center.

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Loctite Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loctite Corporation's products. Loctite Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Loctite Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

NOT FOR PRODUCT SPECIFICATIONS

THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.

PLEASE CONTACT LOCTITE CORPORATION QUALITY DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS ON SPECIFICATIONS FOR THIS PRODUCT.

ROCKY HILL, CT FAX: +1 (860)-571-5473

DUBLIN, IRELAND FAX: +353-(1)-451-9959

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