



VISCOSITY

Product Data Sheet

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VISCOSITY TUTELA Polyurea Grease

Engineered with Fluid Technology Solutions™, our expertly designed formulation provides high performance and an extended protection for your off-road equipment.

Your number one priority is making sure your off-road equipment is always on the move. It's the engine of your business! When your equipment operates in the most extreme conditions- it requires high performance under heavy loads. Wear leads to premature failure when equipment is not adequately protected.



Description and Applications

VISCOSITY TUTELA Polyurea Grease is specifically developed for lubrication of electric motor bearings, and high speed pumps.



Rust &
Corrosion
Protection



Wear
Protection



Temperature
Range

VISCOSITY TUTELA Polyurea Grease is formulated with high viscosity mineral base oils enhanced with Polyurea thickeners, advanced extreme pressure, antioxidant, anti-rust and corrosion inhibitor additives. VISCOSITY Tutela Polyurea Grease provides excellent mechanical stability over a wide range and low oil bleed.

Benefits

VISCOSITY TUTELA Polyurea Grease enhances your business profits and your equipment availability while significantly reducing your operating costs through:

- **Excellent rust & corrosion protection.**
- **Excellent thermal & oxidation stability.**
- **High load carrying capacity.**
- **Excellent oil bleed.**
- **High adhesive & cohesive properties.**
- **Lubricates electric motor bearings, & high speed pumps.**
- **High temperature, high speed, lightly loading bearings.**
- **For applications with long operational hours and extended re-greasing intervals.**

Approvals, Specifications and Recommendations

VISCOSITY TUTELA Polyurea Grease is a grease formulated to protect against wear under the most extreme loads, extending component life that meets the following performances:

- NLGI 2
- MAT 3555-G, MAT 3550-G
- DIN 51502 KP2P-20
- ISO 12924 L-XB(F)EHA2

Note: Always consult your owner's manual to check recommended fluid and specifications for your specific vehicle/equipment

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance			Blue, Smooth
NLGI Grade	ASTM D217		2
Operating Temperature Range		°C	-20 to 180
Worked Penetration, 60 Strokes	ASTM D217	Mm	285
Oil Separation, 168 Hrs/40°C	ASTM D6184	Mass %	0.9
Dropping Point	ASTM D2265	°C	300
Four Ball EP Weld Point	ASTM D2596	Kgf	500
Four Ball Wear	ASTM D2266	Mm	0.55
Oxidation Stability, 100 Hours	ASTM D942	PSI Drop	3
Water Washout	ASTM D1264	Mass %	1.85
Copper Corrosion	ASTM D4048		1b

All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to VISCOSITY's specification, variations in these characteristics may occur.

Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water. For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at: www.viscosityoil.com

Important Note

VISCOSITY Documents and the information contained herein is believed to be accurate as of the date of printing. VISCOSITY Documents information provided is based on standard tests under laboratory conditions and is given only as a guide. Users are advised to ensure that they refer to the latest version of these VISCOSITY Documents. It is the responsibility of the users to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations imposed by the respective local authorities.

Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either VISCOSITY or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortious action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representative in the event you require any further information.