

Product Data Sheet

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VISCOSITY TUTELA Transaxle Fluid SAE 80W-140

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 the best protection available at key contact points in the driveline even in cold temperature.



Description and Applications

VISCOSITY TUTELA Transaxle Fluid SAE 80W-140 is a gear lube designed to handle sensitive driveline components allowing gears to perform at their best *to keep your work in fluid motion.*



VISCOSITY TUTELA Transaxle Fluid SAE 80W-140 is a multifunctional lubricant which provides smooth, quiet operation for axles of earth moving, wheel loader, and loader backhoe axles. It is also used in axle applications where metals may not be fully compatible with API GL-5 extreme pressure additives.

Benefits

- **Outstanding protection** for gears and bearings under heavy loads, extending components life
- **Exceptional low temperature performance** reduces wear at start up, ensuring performance in extreme cold conditions.
- **Excellent shield against rusting** key components extending equipment life
- **Exceptional frictional properties** due to limited slip additives which reduce chatter and improve traction.
- **Compatible with most elastomers** commonly found in off-highway axle systems.

Approvals, Specifications and Recommendations

- API GL-4
- MAT 3510
- MS 1317
- NH 600TR
- ZF TE-ML 05F
- ZF TE-ML 21F

Note: Always consult your owner's manual to check recommended viscosity grade and specifications for your specific vehicle

Typical Physical Data

| Parameters | Method | Unit | Typical Value |
|-----------------------------------|------------|--------|---------------|
| Kinematic Viscosity - 40C | ASTM D445 | 280.0 | cSt |
| Kinematic Viscosity - 100C | ASTM D445 | 31.0 | cSt |
| Viscosity Index | | 155 | |
| Brookfield Viscosity -26C | ASTM D2983 | 130000 | cP |
| Pour Point | ASTM D95 | -39 | °C |
| Flash Point | ASTM D92 | 230 | °C |
| Copper Strip Corrosion | ASTM D130 | 1 | |
| Color | ASTM D1500 | 2.0 | |

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.