

TITAN SINTOPOID FE SAE 75W-85

Premium Performance fuel-economy passenger car axle fluid offering increased gear-box efficiency in passenger cars due to low viscosity level. Reduces fuel consumption and offers best properties at low temperature. Suitable as fill for life fluid according to manufacturer.

Description

TITAN SINTOPOID FE SAE 75W-85 is being produced based on a modern, OEM-proven additive technology with multiple application profiles embedded into a nearly shear-free base oil matrix. Special Friction Modifiers reduce power losses in gears and bearings due to friction, by that increase the gearbox efficiency and in parallel ensure the performance of limited slip differentials. The operating temperature of the oil sump is being reduced significantly during constant operation. TITAN SINTOPOID FE SAE 75W-85 has been developed in cooperation with a leading automotive manufacturer and has been tested thoroughly.

Application

TITAN SINTOPOID FE SAE 75W-85 is miscible and compatible with conventional branded gear oils. However, mixing with other gear oils should be avoided in order to fully utilize the product's benefits. A complete oil change is recommended when converting to TITAN SINTOPOID FE SAE 75W-85. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Offers the benefit of fuel economy to customers.
- Rationalization of product diversity to one FE-MTF-product with several application opportunities, also for limited slip differentials (LS-Function).
- Offers reliable operation under high stress (without shear loss of viscosity) in rear axle gearboxes during the whole oil operation interval (Fill-for-life).
- Prevents reliably from wear, sludge formation, agglomeration and corrosion.
- Offers an outstanding viscosity temperature behaviour lying above the performance of many normal service gearbox lubricants, thus ensuring lubrication at very low as well as very high operation temperatures.
- Thermally highly stable and does not foam even under highest stress.
- Compatible with many elastomers and other sealant materials.

Specifications

- API GL-5

Approvals

- MB-APPROVAL 235.7
- MB-APPROVAL 235.74
- ZF TE-ML 18 (ZF002195)

FUCHS Recommendations

- MB 239.71
- MB 239.72
- VW TL 521 45-X (G 052 145 A1)
- VW TL 521 90 (G 052 190 A2/G 055 190 A2)
PI60711e, PMA, 07.11.2017, Page 1

TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.854 g/ml
Flash Point, CoC	DIN ISO 2592	215 °C
Pourpoint	DIN ISO 3016	-45 °C
Dynamic Viscosity at - 40°C	DIN 51398	59,000 mPas
Kinematic Viscosity at 40°C	DIN 51562-1	78.0 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	12.0 mm ² /s
Viscosity Index	DIN ISO 2909	149

PI60711e, PMA, 07.11.2017, Page 2

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Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.

While the information and figures given here are typical of current production and conform to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products