



TITAN SINTOPOID FE SAE 75W-85

Fully-synthetic, fuel-economy passenger car axle fluid offering increased gearbox 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 shear-free fully synthetic 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).
- TITAN SINTOPOID FE SAE 75W-85 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.
- TITAN SINTOPOID FE SAE 75W-85 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.
- Is thermally highly stable and does not foam even under highest stress.
- TITAN SINTOPOID FE SAE 75W-85 is compatible with many elastomers and other sealant materials.

Specifications

- API GL-5

Approvals

- MB-APPROVAL 235.7
- ZF TE-ML 18

FUCHS Recommendations

- ALFA ROMEO
- BMW
- FIAT
- LANCIA
- VW TL 521 45-X (G 052 145 A1)
- VW TL 521 90 (G 052 190 A2/G 055 190 A2)

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CHARACTERISTICS

Density at 15 °C	DIN 51757	0.870 g/ml
Colour	DIN ISO 2049	2 ASTM
Flash Point, CoC	DIN ISO 2592	190 °C
Pourpoint	DIN ISO 3016	-51 °C
Foaming Tendency Seq. I/II/III	ASTM D 892	10/0 ; 20/0 ; 10/0 ml
Dynamic Viscosity at - 40°C	DIN 51398	55,000 mPas
Kinematic Viscosity at 40°C	DIN 51562-1	81.5 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	12.1 mm ² /s
Viscosity Index	DIN ISO 2909	144



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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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