

Product Information

SINTOPOID SAE 75W-90

Ultra High Performance gear oil for hypoid axles. Suitable as Fill-For-Life fluid according to manufacturers.

Description

SINTOPOID SAE 75W-90 was designed based on selected high-quality base oils and an especially developed additive technology. This ensures optimised oxidation and shear stability, an improved temperature-viscosity behaviour as well as a very good wear and corrosion protection. At the same time it offers a very good compatibility with elastomers.

Application

SINTOPOID SAE 75W-90 was designed for use in axles of passenger cars. It is mainly used if API GL-5 is required.

SINTOPOID SAE 75W-90 is miscible and compatible with conventional, branded gear oils. However, mixing with other gear oils should be avoided in order to fully exhaust this product's benefits. A complete oil drain is recommended before converting to SINTOPOID SAE 75W-90. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages

- Stable lubricating film even with very hot oil and/or very high loads.
- Very good wear protection of bearings and gears even under severe operating conditions.
- Significantly prevents corrosion, ageing, and deposits.
- Protection against foaming, even at high speeds.
- Compatibility with many elastomers and other sealing materials.
- Depending on OEM requirements also suitable for selected transmissions in hybrid or electric vehicles.

Specifications

- API GL-5

Recommendations

- MIL-L-2105 D
- VW TL 521 45-Y (G 052 145 A2)



Product Information

TYPICAL CHARACTERISTICS

SAE class	SAE J306	75W-90
Density at 15°C	DIN 51757	0.875 g/mL
Kinematic viscosity at 40°C	DIN 51562-1	108 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	15.3 mm ² /s
Viscosity Index	DIN ISO 2909	150
Pour point	DIN ISO 3016	-45 °C
Product coloring	DIN 10964	None



Product Information

In all cases, to limit the risk of water contamination (including condensation), store drums and barrels horizontally. Do not expose packaging to strong sunlight or extreme temperatures. The information contained in this data sheet is based on FLF's experience and know-how in the development and manufacture of lubricants and other chemical products to the best of our knowledge. All chemical products must be used in the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). The performance of our products can be influenced by a range of factors, including conditions of use, application methods, operating environment, pre-treatment of components, possible external contamination, etc. For these reasons, a universal recommendation of our products is impossible. The information given in the data sheet represents general, non-binding guidelines and is provided for guidance only. No warranty, express or implied, is given concerning the properties of the product or its suitability for a given application. We therefore recommend consulting an application engineer to discuss application conditions and product performance criteria prior to use. It is the user's responsibility to test the functional suitability of the product and to use it under the appropriate safety conditions. Our products are subject to continuous improvement, with the aim of enhancing performance or bringing them into line with any new regulations. We reserve the right to modify our product ranges, our products and their manufacturing processes, as well as all the provisions of our publications, at any time and without prior notice. This data sheet cancels and replaces all previous editions. We expressly draw the attention of all users to the fact that our product has not been designed and tested for use in the nuclear and aeronautical fields ("embedded" product). Any use of our product in the aforementioned sectors is the sole responsibility of the user. Reproduction in any form requires the prior written consent of FLF, all rights reserved.