

HIGHTEC TOPGEAR SAE 75W-90 S

Fully synthetic, multigrade gearbox oil of performance rating API GL-4/5 for multi-functional use in axle gears and manual gearboxes in passenger cars, heavy-goods vehicles, agricultural and construction machinery and work machines.

Description

HIGHTEC TOPGEAR SAE 75W-90 S is a high-performance gearbox oil of SAE grade 75W-90. It is based on fully synthetic poly-alpha-olefins (PAO) and esters in conjunction with the most advanced additive technology.

Application

HIGHTEC TOPGEAR SAE 75W-90 S is used for conventional manual gearboxes and axle gears in passenger cars, heavy-goods vehicles, land and construction machinery and work machines according to the manufacturer's specifications.

The quality of this product is equivalent to EU regulations

- API GL-4/GL-5/MT-1
- MIL-L-2105D/MIL-PRF-2105E
- SAE J2360
- MAN 341 Type E3/3343 Type S
- MB 235.8
- Scania STO 1:0
- ZF TE-ML 02B, 05B, 07A, 08, 12B, 16F, 17B, 19C, 21B

Additionally this product is recommended when the following filling instructions are required

- Ford SQM-2C-9002 AA/M2C200-C
- GM 1940182/1940768/M75/1
- MAN 341 Type Z2/342 Type M2
- MB 235.0/235.72
- MF 1134
- VW G 50/51 (VW 501.50/51)/G052 190/G052 911
- ZF TE-ML 05A, 12E, 16B, 19B, 21A

Benefits

- First-class economy grade for multi-functional use in axle gears and manual gearboxes in passenger cars, heavy-goods vehicles, agricultural and construction machinery and work machines
- Very good protection against wear and corrosion
- High temperature and oxidation stability due to fully synthetic base oils and special additives
- Extremely stable to shear stress - 'Stay-in-grade'
- Stable lubricating film, even with very hot oil and under very high loads. As a result, reduced wear and lower gearbox noise
- The favourable cold viscosity ensures improved shifting ability, fast lubrication and low 'cold wear'
- Miscible and compatible with conventional and synthetic gearbox oils. However, in order to exploit the full product benefits of HIGHTEC TOPGEAR SAE 75W-90 S, a complete gearbox oil change is recommended.

Notices

HIGHTEC TOPGEAR SAE 75W-90 S is not suitable for use in 'stepped' automatic transmissions, in DCT/DSG transmissions (with dual-clutch running in oil bath) or CVT (continuously variable or 'non-stepped' automatic) transmissions.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,862
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	78,5
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	15,5
Viscosity index	ASTM D-7042	-	210
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	192
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-44

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe.com.de).

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