PRODUCT INFORMATION

ROWE®

HIGHTEC TOPGEAR SAE 75W-90 HC-LS

High-performance gearbox oil for manual gearboxes and axle gears with LS differentials (Limited Slip).

Description

HIGHTEC TOPGEAR SAE 75W-90 HC-LS is a high-performance gearbox oil produced using HC synthetic oils for manual gearboxes and axle gears with LS differentials (Limited Slip).

Application

HIGHTEC TOPGEAR SAE 75W-90 HC-LS is used for conventional manual gearboxes and axle gears as a multi-functional gearbox oil in passenger cars, heavy-goods vehicles, off-road vehicles and work machines. It can also be used in axle gears with multi-disc locking differentials due to its special additive composition.

Specifications

- API GL-4/GL-5/GL-5 LS (Limited Slip)
- MIL-L 2105D

Advantages

- First-class economy grade for multi-functional use in axle gears and manual gearboxes, with or without locking differentials
- Outstanding protection against wear and corrosion
- Excellent synchro compatibility
- High temperature and oxidation stability due to selected HC synthetic 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 HC-LS, a complete gearbox oil change is recommended.

Notes

- Not suitable for use in automatic transmissions, DCT/DSG transmissions with a wet-type dual clutch, or CVT (continuously variable transmission) systems.

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Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.868
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	17,1
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	82,0
Viscosity index	ASTM D2270	-	221
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 180
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-38

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

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