

HIGHTEC HYPOID EP SAE 85W-90 LS

High-performance gearbox oil with LS (Limited Slip) properties for axle gears subjected to high loads in heavy-goods vehicles, buses, as well as construction and agricultural machinery with or without self-locking differentials.

Description

HIGHTEC HYPOID EP SAE 85W-90 LS is a high-performance gearbox oil of SAE grade 85W-90 produced using selected base oils with LS (Limited Slip) and exceptional wear protection properties. HIGHTEC HYPOID EP SAE 85W-90 LS certainly meets the requirements in terms of the minimum phosphor content of 1900 ppm due to the additive composition used.

Application

HIGHTEC HYPOID EP SAE 85W-90 LS is used for axle gears in heavy-goods vehicles and buses as well as construction and agricultural machinery with or without multi-disc differentials in accordance with the manufacturer's specifications. Here it ensures the highest level of wear protection and the locking differential's safe operation.

The quality of this product is equivalent to EU regulations

- API GL-5/GL-5 LS (Limited Slip)
- MIL-L 2105D
- ZF TE-ML 05C, 08, 12C, 16E, 21C

Benefits

- Excellent wear protection
- Very good load carrying capacity under heavy continuous loads
- Extremely stable to shear stress - 'Stay-in-grade'
- Stable lubricating film, even with very hot oil and under very high loads, and safe wear protection
- No rattling and squeaking noises
- It meets the requirements concerning the minimum phosphor content of 1900 ppm
- Good noise reduction
- Outstanding corrosion protection
- Good seal compatibility
- Low tendency to foam, even at high speeds
- Miscible and compatible with other gearbox oils. However, in order to exploit the full product benefits of HIGHTEC HYPOID EP SAE 85W-90 LS, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,903
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	148,3
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	15,0
Viscosity index	ASTM D-7042	-	101
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	210
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-19

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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