PRODUCT INFORMATION

HIGHTEC HYPOID EP SAE 85W-90

High performance gearbox oil for axle gears subjected to high loads in passenger cars, heavy-goods vehicles, buses, as well as construction and agricultural machinery.

Description

HIGHTEC HYPOID EP SAE 85W-90 is a high-performance gearbox oil of SAE grade 85W-90 produced using selected base oils with exceptional wear protection properties.

Application

HIGHTEC HYPOID EP SAE 85W-90 is used for axle gears in passenger cars, heavy-goods vehicles and buses as well as construction and agricultural machinery in accordance with the manufacturer's specifications and provides the highest level of wear protection here.

The quality of this product is equivalent to EU regulations

- API GL-5
- MIL-L 2105D
- MAN 342 Type M2
- MB 235.0
- ZF TE-ML 05A, 07A, 12E, 16B/C, 17B, 19B

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

- MB 235.6

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
- Good noise reduction
- Good lubrication and lower 'cold wear'
- 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, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.886
Kinematic viscosity KV 40	ASTM D-7042	mm^2/s	163,0
Kinematic viscosity KV 100	ASTM D-7042	mm^2/s	15,8
Viscosity index	ASTM D-7042	-	99
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	228
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-oil.com).

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