

## 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 <sup>2</sup> /s	148,3
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /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

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