

HIGHTEC TOPGEAR SYNTH E SAE 75W

Fully synthetic high-performance gear oil for electrical drives with separate oil circuit in the API performance class GL-4/5.

Description

HIGHTEC TOPGEAR SYNTH E SAE 75W is a high performance gear oil in the SAE class 75W. It is based on fully synthetic PAOs (Poly-Alpha-Olefins) in combination with our cutting edge additive technology.

Application

HIGHTEC TOPGEAR SYNTH E SAE 75W was developed specifically for high-speed spur gears, such as those commonly found in electrical drives with separate oil circuits, and provides the system with excellent protection against wear and oil foaming even at extreme speeds. Thanks to its superior lubricating properties, HIGHTEC TOPGEAR SYNTH E SAE 75W can also be used in axle and manual transmissions of passenger cars, trucks, agricultural, construction and industrial machinery.

The quality of this product is equivalent to EU regulations

- API GL-4 /GL-5

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

- BMW Hypoidachsöl G1
- BMW 83 22 2 295 532
- BMW 83 22 2 239 982
- MAN 342 M2
- ZF ML 05B, 07A, 21A

Benefits

- high temperature and oxidation stability thanks to fully synthetic base oils and special additives
- exceptionally shear stable - Stay-in-Grade
- stable lubricating oil film even at extremely high temperatures and loads on the gear unit, allowing for reduced wear and quiet operation
- excellent antifoaming properties
- optimal cold viscosity ensures improved switchability, fast oiling and low cold wear
- mixable and compatible with conventional and synthetic gear oils. However, we recommend a complete gear oil change to take full advantage of the benefits of our HIGHTEC TOPGEAR SYNTH E SAE 75W product.

Notices

HIGHTEC TOPGEAR SYNTH E SAE 75W is not compatible with automatic transmissions, DCT/DSG transmissions with double clutch operating in an oil bath or CVT (continuously variable transmissions).

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.84
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	24,3
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	5,3
Viscosity index	ASTM D-7042	-	160
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	220
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-48
Shear stability index	KRL 20h	-	1.5%
Schaumverhalten bei 24 °C	ASTM D 892	ml/ml	0/0
Schaumverhalten bei 93,5 °C	ASTM D 892	ml/ml	15/0
Schaumverhalten bei 24 °C nach 93,5 °C	ASTM D 892	ml/ml	0/0

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