

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.

Specifications

- API GL-4 /GL-5

ROWE recommendations

- BMW Hypoidachsöl G1
- BMW 83 22 2 295 532
- BMW 83 22 2 239 982

Advantages

- 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.

Notes

- 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 100	ASTM D-7042	mm²/s	5,3
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	24,3
Viscosity index	ASTM D2270	-	160
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	220
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-48
Foaming behaviour at 24°C	ASTM D 892	ml/ml	0/0
Foaming behaviour at 93.5°C	ASTM D 892	ml/ml	15/0
Foaming behaviour at 24°C to 93.5°C	ASTM D 892	ml/ml	0/0
Shear stability index		KRL 20h	1.5%

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.rowemotoroil.net).