

HIGHTEC TOPGEAR SAE 75W-80 HC

High-performance, multigrade, synthetic gear oil. Multifunctional use in manual transmissions and axle drives of cars, trucks, buses, off-road vehicles, and off-highway vehicles.

Description

HIGHTEC TOPGEAR SAE 75W-80 HC is a high-performance SAE 75W-80 gear oil based on HC synthetic oil with a specially selected additive combination. It provides a stable lubricating film even under continuous load.

Specifications

- API GL-4
- MAN 341 Type Z4
- ZF TE-ML 01L, 02L, 13, 16K

ROWE recommendations

- DAF
- Eaton Europe (300.000 km or 3 years)
- Iveco
- Renault (Note technique B0032/2 Annex 3)
- Volvo 97307
- ZF TE-ML 08, 24A

Advantages

- First-class rationalisation product with multifunctional use in axle and manual transmissions of cars, trucks, agricultural, construction, and off-highway machinery
- Excellent wear and corrosion protection, while being compatible with non-ferrous metals
- High oxidation protection thanks to selected HC synthetic oils and special additives
- Extremely shear-stable - 'stay-in grade'
- Stable lubricating film even with very hot oil and very high loads, thus reducing wear and lowering transmission noise
- More favorable cold viscosity compared to SAE 90, 85W, and 85W-90 oils ensures improved shiftability, faster lubrication, and less cold wear
- Suitable for non-synchronized and synchronized transmissions
- Miscible and compatible with conventional and synthetic transmission oils. However, to fully utilize the product's benefits, a complete transmission oil change is recommended.



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.854
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	9,4
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	53,8
Viscosity index	ASTM D2270	-	159
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 220
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-33

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.rowe-oil.com).

