PRODUCT INFORMATION

ROWE®

HIGHTEC TOPGEAR FE SAE 75W-80 S

Fully synthetic gearbox oil with reduced cold viscosity for excellent fuel efficiency. Specially adapted to the wear protection and cold shifting requirements of modern passenger car manual gearboxes.

Description

HIGHTEC TOPGEAR FE SAE 75W-80 S is a fully synthetic high-performance manual gearbox oil with reduced cold viscosity for optimised gearbox efficiency and cold shifting characteristics. It is based on fully synthetic poly-alpha-olefins (PAO) and esters in conjunction with the most advanced additive technology.

Application

HIGHTEC TOPGEAR FE SAE 75W-80 S is used in a modern passenger car manual gearboxes according to the manufacturer's specifications. The reduced viscosity and the optimised viscosity-temperature behaviour enable a significant reduction in fuel consumption and CO2 emissions with smooth shifting characteristics and low shifting power at the same time.

Specifications

- API GL-4 /GL-5

ROWE recommendations

- BMW MTF LT-1, LT-2, LT-3, LT-4
- Fiat 9.55550-MZ2
- Ford WSS-M2C200-D2
- MB 235.10
- PSA B71 2330 (9730A2, 9730A8)
- Toyota JWS 227
- VW G009 317, G052 171, G052 178, G052 512, G052 532, G052 527, G052 726, G052 798, G055 726

Advantages

- Reduced cold viscosity for excellent fuel efficiency
- Economy grade for modern passenger car manual gearboxes according to the manufacturer's specification
- Very good protection against wear and corrosion
- High temperature and oxidation stability due to fully synthetic base oils and special additives
- Extremely stable to shear stress - 'Stay-in-grade'
- Stable lubricating film, even with very hot oil and under very high loads. As a result, reduced wear and lower gearbox noise
- - Excellent cold viscosity ensures improved shifting ability, fast lubrication and low 'cold wear'
- Miscible and compatible with conventional and synthetic gearbox oils. However, in order to exploit the full product benefits of HIGHTEC TOPGEAR FE SAE 75W-80 S, a complete gearbox oil change is recommended.

Notes

- Not suitable for use in automatic transmissions, DCT/DSG transmissions with a wet-type dual clutch, or CVT (continuously variable transmission) systems.

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Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.857
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	9,2
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	50,5
Viscosity index	ASTM D2270	-	166
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	180
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-44
HTHS	ASTM D4683	mPas	3,1

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).

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