

## HIGHTEC TOPGEAR SAE 75W-90 HC

Multigrade gearbox oil of performance rating API GL-4/5 for multi-functional use in axle gears and manual gearboxes in passenger cars, heavy-goods vehicles, off-road vehicles and work machines.

### Description

HIGHTEC TOPGEAR SAE 75W-90 HC is a high-performance gearbox oil of SAE grade 75W-90 produced using HC synthetic oil. It is characterised by a high thermal load capacity and provides a stable lubricating film, even under continuous stress.

### Application

HIGHTEC TOPGEAR SAE 75W-90 HC is used for conventional manual gearboxes and axle gears in passenger cars, heavy-goods vehicles, off-road vehicles and work machines. Moreover, HIGHTEC TOPGEAR SAE 75W-90 HC can also be used in car and articulated drive shafts that require an oil of classification API GL-5.

### Equivalent quality in accordance with EU-law as per

- API GL-4/5
- MIL-L 2105D
- MAN 342 Type M1/M2
- Volvo 1273.10/97312
- ZF TE-ML 05A, 07A, 08, 12E, 16B/C, 17B, 19B, 21A

### This product is also recommended when the following filling instructions are required

- CNH New Holland NH 520 A
- Ford M2C 197-A/9102-A
- John Deere J 11 E
- MB 235.0/235.1
- NATO O-226
- SDFG OP 1705
- Steyr B-101
- Volvo 97310

### Advantages

- Outstanding protection against wear and corrosion
- High temperature and oxidation stability due to selected HC synthetic 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
- The favourable 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 SAE 75W-90 HC, a complete gearbox oil change is recommended.



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.864
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	15,6
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	74
Viscosity index	ASTM D2270	-	226
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	194
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-39

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](http://www.rowe-oil.com)).

