

## HIGHTEC TURBO HD SAE 50

Premium, mineral-based, monograde engine oil for mixed vehicle fleets.

### Description

HIGHTEC TURBO HD SAE 50 is a premium, monograde engine oil of SAE grade 50. Its exceptionally wide range of applications is reflected in the interaction of selected base oils with advanced additives. It can be used in Otto and diesel engines, with or without turbocharging.

### Application

HIGHTEC TURBO HD SAE 50 is used in petrol and diesel engines in mixed vehicle fleets according to the manufacturer's specification. Its modern design makes a wide range of applications possible and ensures safe operation under all operating conditions.

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

- ACEA E7/E5/E3/E2
- ACEA A3/B4
- API CF-2/CI-4/SL
- MIL-L-2104D
- Allison C-4
- CAT TO-2/ECF-1-a
- Deutz DQC I-02/II-18/III-18
- MAN 270/M 3275-2
- MB 228.0/228.2
- MTU Type 2
- Volvo VDS/VDS-2/VDS-3

### Advantages

- First-class economy grade for multi-functional use in different brands of diesel and Otto engines
- Suitable for both passenger cars and commercial vehicles, as well as agricultural and construction machinery
- Eminently suitable for turbocharged engines
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers in a reliable manner
- Stable lubricating film, even with hot oil and under excessive loads, and the best wear protection
- Extremely stable to shear stress - 'Stay-in-grade'
- Low oil consumption and increased oxidation protection
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of HIGHTEC TURBO HD SAE 50, a complete oil change is recommended.



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.898
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	18,6
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	185,4
Viscosity index	ASTM D2270	-	111
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	238
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-19
Total base number	DIN 51639-1	mgKOH/g	10,0

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)).

