

## HIGHTEC TURBO HD SAE 15W-40 PLUS

SHPD engine oil with high power reserves.

### Description

HIGHTEC TURBO HD SAE 15W-40 PLUS is a Super High Performance Diesel (SHPD) engine oil. Its exceptionally wide range of applications is reflected in the interaction of selected base oils with advanced additives. Developed specifically for mixed fleets with petrol and diesel engines from different manufacturers in passenger cars, heavy-goods vehicles, work machines and agricultural machinery.

### Application

HIGHTEC TURBO HD SAE 15W-40 PLUS is used in petrol and diesel engines from different manufacturers 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.

### Approvals

- Deutz DQC III-18
- Mack EO-N
- MB-Freigabe 228.3
- MTU Type 2
- Renault RLD-2
- Volvo VDS-3

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

- ACEA E7
- ACEA A3/B4
- API CI-4/SL
- Cummins CES 20071/-72/-75/-76/-77/-78
- Detroit Diesel 93K215
- GLOBAL DHD-1
- JASO DH-1
- MB 229.1

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

- Allison C-4
- CAT ECF-1-a
- Deutz DQC III-05/III-10
- Iveco 18-1804 T1/T2-E7
- Mack EO-M PLUS
- MAN M 3275-1

### 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
- It combines the specifications of European, American and Japanese manufacturers
- Eminently suitable for turbocharged engines
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers in a reliable manner
- Safer year-round operation
- 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 15W-40 PLUS, a complete oil change is recommended.



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.878
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	14,3
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	103
Viscosity index	ASTM D2270	-	140
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	235
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-30
CCS	ASTM D-5293	cP @ °C	6100 @ -20
Total base number	DIN 51639-1	mgKOH/g	10,4
HTHS	ASTM D4683	mPas	4,0
Acid number		mgKOH/g	< 1
Sulphated ash	ASTM D874	wt-%	max. 1,6

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)).

