

HIGHTEC TRUCKSTAR SAE 5W-30 SYNT

Synthetic, low viscosity, UHPD engine oil.

Description

HIGHTEC TRUCKSTAR SAE 5W-30 SYNT is an Ultra High Performance Diesel (UHPD) engine oil. It is based on a special base oil composition made of HC synthetic oils and fully synthetic poly-alpha-olefins (PAO) in conjunction with the most advanced additive technology. Developed specifically for diesel engines under difficult conditions and with an extended maintenance interval in heavy-goods vehicles, buses and work machines.

Application

HIGHTEC TRUCKSTAR SAE 5W-30 SYNT has been developed specifically for use in diesel engines subjected to high loads with extended maintenance intervals (WIV/LongLife Service). Such engines are found in heavy-goods vehicles, buses and construction machinery. Its modern design makes a wide range of applications possible and ensures safe operation, even under the most difficult conditions.

Equivalent quality in accordance with EU-law as per

- ACEA E4,E7
- API CI-4
- Cummins 20071/-72/-75/-76/-77/-78
- GLOBAL DHD-1
- Deutz DQC III-05/III-10
- Mack EO-M PLUS
- MAN M 3277
- MB 228.5
- MTU Type 3
- Renault RXD/RLD-2
- Volvo VDS-3

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

- CAT ECF-1-a/ECF-2
- DAF HP-2
- Iveco 18-1804 TFE

Advantages

- Fuel economy due to low-viscosity characteristics
- Reliable cold start, even at the lowest temperatures
- Safer year-round operation due to outstanding viscosity-temperature behaviour and high shear stability
- Stable lubricating film, even with hot oil and under excessive loads, and the best wear protection
- It guarantees the longest service intervals according to the manufacturer's specification
- Very low oil consumption
- Highest oxidation stability due to a special base oil composition made of HC synthetic and fully synthetic PAO base oils
- Outstanding protection against corrosion and black sludge
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of HIGHTEC TRUCKSTAR SAE 5W-30 SYNT, a complete 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	mm ² /s	11,2
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	66,5
Viscosity index	ASTM D2270	-	158
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	242
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-41
CCS	ASTM D-5293	cP @ °C	6000 @ -30
Total base number	DIN 51639-1	mgKOH/g	12,3
Acid number		mgKOH/g	< 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).

