

## HIGHTEC TRUCKSTAR SAE 5W-30 SYNT

Semi-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.

### The quality of this product is equivalent to EU regulations

- 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

### Additionally this product is recommended when the following filling instructions are required

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

### Benefits

- 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.



## HIGHTEC TRUCKSTAR SAE 5W-30 SYNT

### Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.854
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	66,5
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	11,2
Viscosity index	ASTM D-7042	-	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

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms ([www.rowe-oil.com](http://www.rowe-oil.com)).

