

## HIGHTEC TRUCKSTAR SAE 10W-40 HC-M

Low viscosity, Ultra High Performance Diesel (UHPD) engine oil based on HC synthetic oils.

### Description

HIGHTEC TRUCKSTAR SAE 10W-40 HC-M is an Ultra High Performance Diesel (UHPD) engine oil based on the most advanced additives and HC synthetic base oils. Developed specifically for MAN EURO VI diesel engines with turbocharging and modern exhaust after-treatment systems according to the MAN M 3377 specification.

### Application

HIGHTEC TRUCKSTAR SAE 10W-40 HC-M 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 according to the manufacturer's specifications for MAN EURO IV diesel engines according to the MAN M 3377 specification. The safe operation even under difficult conditions distinguishes this product from its rivals.

### Benefits

- Fuel economy due to low-viscosity characteristics
- Safer year-round operation due to outstanding viscosity-temperature behaviour and high shear stability
- Reliable protection against corrosion and black sludge
- Stable lubricating film, even with hot oil and under excessive loads, and the best wear protection
- Longest service intervals guaranteed
- Very low oil consumption
- High level of oxidation protection by means of selected HC synthetic oils and special additives
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of HIGHTEC TRUCKSTAR SAE 10W-40 HC-M, a complete oil change is recommended.

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

- ACEA E4,E7
- API CI-4
- GLOBAL DHD-1
- Caterpillar ECF-2
- Cummins 20078
- Deutz DQC IV-10
- Detroit Diesel 93K215
- Mack EO-M PLUS
- MAN M3377/M3277
- MB 228.5
- MTU Type 3
- Renault RXD/RLD-2
- Volvo VDS-3

### Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.863
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	113,2
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	16,3
Viscosity index	ASTM D-7042	-	155
CCS	ASTM D-5293	cP @ °C	6600 @ -25
Total base number	DIN 51639-1	mgKOH/g	12,4

The characteristics shown are typical of current production. This data cannot be construed 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)).

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