



## Product information

### HIGHTEC TRUCKSTAR SAE 15W-40

*SHPD-Motor oil with extended performance reserve. Specially designed for use in highly loaded diesel engines which are fitted to trucks, off-road, construction and farm equipment.*

#### Description

HIGHTEC TRUCKSTAR SAE 15W-40 is a **Super-High-Performance-Diesel** (SHPD) engine oil. The unique composition of selected base oils with a modern additive package provides its outstanding wide application range.

#### Application

HIGHTEC TRUCKSTAR SAE 15W-40 to be used in accordance to manufacturers filling instructions in highly loaded gasoline and diesel engines of several manufacturers. Its modern conception offers a broad range of applications for mixed fleets under a wide variety of conditions.

In compliance to EEC regulations the quality of HIGHTEC TRUCKSTAR SAE 15W-40 is equivalent according to the following standards / specifications:

- ACEA E7
- API CI-4/SL
- GLOBAL DHD-1
- CAT ECF-1-a/ECF-2
- Cummins 20071/-72/-76/-77/-78
- Deutz DQC III-10
- Mack EO-N\*/EO-M PLUS
- MAN M 3275\*
- MB-Freigabe 228.3\*
- MTU Type 2
- Renault RLD-2\*
- Volvo VDS-3\*
- ZF TE-ML 07C

\*Name approval has been issued

Additionally HIGHTEC FORMULA GT SAE 10W-40 HC is recommended when the following filling instructions are required:

- Iveco 18-1804 T1/T2-E7

#### Typical characteristics:

Characteristics	Density at 15 °C	Viscosity at 40 °C	Viscosity at 100 °C	Flash point
Method	DIN 51 757	DIN 51 562	DIN 51 562	ISO 2592
Unit	g/ml	mm <sup>2</sup> /s	mm <sup>2</sup> /s	°C
Value	0.880	102	14.5	>190

The above data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved! The characteristic data indicated are subject to the repeatability and reproducibility of the given test methods.

#### Advantages/Benefits

- great rationalism product with multi functional applications in diesel and gasoline engines of several manufacturers
- perfect suited for trucks, busses, farm, construction and off-road equipment
- combines the specifications of European, American and Japanese manufacturers
- excellently suited for turbo-charged engines
- reliably prevents from resin formation, varnishing and ring sticking of cylinders, pistons, valves and turbo chargers
- reliably all-season use
- stable lubricating film even under very hot oil temperatures and/or very high stress
- very low oil consumption and good oxidation protection
- miscible and compatible with conventional, also as synthetic branded engine oils. To make use of the full performance benefit of HIGHTEC TRUCKSTAR SAE 15W-40 a complete oil change is recommended