

Top Tec Truck 4350 SAE 5W-30

Description

All-year engine oil based on fully synthetic technology and high-quality additives. This high-tech engine oil enables an extremely wide range of applications and fulfils the demands of commercial vehicle manufacturers from around the world. The formulation has been tailored according to the latest exhaust emission standards. It ensures excellent wear protection and a high lubricating film stability in all operating conditions. The excellent shear and aging stability enable long oil change intervals. The low viscosity results in a significant reduction in fuel consumption.

Properties

- wide range of applications
- high shear stability
- outstanding engine cleanliness
- with lower HTHS viscosity
- reduces fuel consumption
- oil film strength
- excellent wear resistance
- outstanding detergent and dispersant properties
- excellent cold-start behavior
- no deposits
- high resistance to aging
- keeps the charge air cooler extremely clean
- low sulfate ash, phosphorous and sulfur content (low SAPS)

Specifications and approvals:

ACEA E6 • ACEA E7 • ACEA E9 • API CK-4 • API SN • Mack EOS-4.5 • MB-Approval 228.31 • MB-Approval 228.51 • Renault Trucks RLD-3 • Renault Trucks RXD • Scania Low Ash • Volvo VDS-4.5

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required:

Caterpillar ECF-3 • Cummins CES 20086 • Detroit Diesel DFS 93K222 • Deutz DQC IV-10 LA • IVECO 18-1804 TLS E6 • Mack EO-M Plus • Mack EO-N Plus • Mack EO-O Premium Plus • MAN M 3271-1 • MAN M 3477 • MAN M 3677 • MAN M 3775 • MB 235.28 • MTU Typ 3.1 • Renault Trucks RGD • Renault Trucks RLD • Renault Trucks RLD-2 • Scania LDF-4 • Voith Class B • Volvo CNG • Volvo VDS-3 • Volvo VDS-4

Technical data

SAE class (engine oils)	5W-30 SAE J300
Density at 59 °F	0,855 g/cm ³ DIN 51757



Technical data

Viscosity at 104 °F	69,0 mm ² /s ASTM D 7042-04
Viscosity at 212°F	11,8 mm ² /s ASTM D 7042-04
Viscosity at -31 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -22 °F (CCS)	<= 6600 mPas ASTM D5293
Viscosity index	168 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D5481
Pour point	-54 °F DIN ISO 3016
Evaporation loss (Noack)	12 % CEC-L-40-A-93
Flash point	439 °F DIN ISO 2592
Total base number	10,0 mg KOH/g DIN ISO 3771
Sulfate ash	<= 1,0 g/100g DIN 51575
Color number (ASTM)	L3,5 DIN ISO 2049

Areas of application

Specially designed for high-load commercial vehicle diesel engines in compliance with the Euro IV, V and VI emissions standard with exhaust after-treatment system and diesel particulate filter (DPF/CRT). Depending on the manufacturer's specifications, it can also sometimes be used unmixed in older commercial vehicles in compliance with the Euro II and III.

Application

For normal and extended intervals between oil changes, the operating instructions of the commercial vehicle and engine manufacturers must be followed. Primarily suitable for diesel engines, but can also be used in gasoline engines.

Product information

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Our information is based on thorough research and may be considered reliable, although not legally binding.