

Product information

Top Tec Truck 4050 10W-40

PI 34/05/11/2018



Description

Synthetic technology low-friction motor oil in combination with the latest additives. Specially designed for the latest emissions standard regulations. Provides outstanding protection against wear and ensures optimum engine cleanliness. Even under critical operating conditions, it assures optimum oil pressure and a stable lubricating film. Allows longer oil change intervals. Reduces oil consumption. Exceeds even the highest test requirements of well-known vehicle manufacturers. Assures reliable operation and maximizes the service life of the diesel particulate filter (DPF).

Properties

- outstanding detergent and dispersant properties
- high wear resistance
- prevents "bore polishing"
- oil film strength
- excellent resistance to aging
- broad operating temperature range
- no deposits
- high shear stability
- excellent cold-start behavior
- backwards compatible
- keeps the charge air cooler extremely clean

Specifications and approvals:

ACEA E6 • ACEA E7 • ACEA E9 • API CI-4 • Deutz DQC IV-10 LA • Mack EO-N • MAN M 3477 • MB-Approval 228.51 • Renault Trucks RGD • Renault Trucks RLD-2 • Renault Trucks RXD • Volvo CNG • Volvo VDS-3

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

Caterpillar ECF-1-a • Cummins CES 20076 • Cummins CES 20077 • DAF HP2 • JASO DH-2 • Mack EO-M Plus • MAN M 3271-1 • MB 226.9 • MTU Typ 3.1

Technical data

SAE class (engine oils)	10W-40 SAE J300
Density at 15 °C	0,860 g/cm ³ DIN 51757
Viscosity at 40 °C	91,5 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	14,1 mm ² /s ASTM D 7042-04
Viscosity at -30°C (MRV)	< 60000 mPas ASTM D 4684



Technical data

Viscosity at -25°C (CCS)	<= 7000 mPas ASTM D 5293
Viscosity index	159 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D 5481
Pour point	-33 °C DIN ISO 3016
Evaporation loss (Noack)	7,7 % CEC-L-40-A-93
Flash point	240 °C DIN ISO 2592
Total base number	10,5 mg KOH/g DIN ISO 3771
Sulfate ash	<= 1,0 g/100g DIN 51575
Color number (ASTM)	3,0 DIN ISO 2049

Areas of application

Specially designed for high-load commercial vehicle diesel engines in compliance with the Euro 4, Euro 5 and Euro 6 emissions standard with exhaust after-treatment system and soot particle filter (DPF/CRT). It is backwards compatible and can also sometimes be used in older commercial vehicles in compliance with the Euro 2 and Euro 3 emissions standard when un-mixed.

Application

Note the commercial vehicle and engine manufacturers' operating instructions. Recommendations for use for diesel engines only.

Available pack sizes

20 l Canister plastic	3794 D-GB-I-E-P
60 l Drum sheet metal	3795 D-GB

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Available pack sizes

205 l Drum sheet metal 3798
D-GB

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