Product information

PI 67/08/17/2026

Top Tec Truck 4050 10W-40



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

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

Specifications / Approvals

ACEA E6, E7, E8, E9, E11 • API CK-4 • Deutz DQC IV-18 LA • DTFR 15C110 (228.51) • Mack EOS-4.5 • Renault Trucks RGD • Renault Trucks RLD-3 • Renault Trucks RXD • Volvo VDS-4.5

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

Caterpillar ECF-1-a • Caterpillar ECF-3 • Cummins CES 20076 • Cummins CES 20077 • Cummins CES 20086 • DAF HP2 • Deutz DQC IV-10 LA • Iveco 18-1809 NG2 • JASO DH-2 • Mack EO-M Plus • Mack EO-N • MAN M 3271-1 • MAN M 3477 • MAN M 3775 • MB 226.9 • MTU Typ 3.1 • Scania Low Ash • Volvo CNG • Volvo VDS-3

Technical data

SAE class (engine oils)	10W-40 SAE J300
Density at 15 °C	0,865 g/cm³ DIN 51757
Viscosity at 40 °C	100,0 mm²/s ASTM D 7042-04
Viscosity at 100 °C	14,5 mm²/s ASTM D 7042-04

Technical data

Viscosity at -30 °C (MRV)	< 60000 mPas ASTM D 4684
Viscosity at -25 °C (CCS)	<= 7000 mPas ASTM D 5293
Viscosity index	150 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D 5481
Pour point	-36 °C DIN ISO 3016
Evaporation loss (Noack)	7,7 % CEC-L-40-A-93
Flash point	230 °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 DIN ISO 2049

Areas of application

Specially designed for high-load commercial vehicle diesel engines in compliance with the Euro IV, Euro V and Euro VI emissions standard with exhaust aftertreatment 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 II and Euro III emissions standard when unmixed.

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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 DE-EN-ES-IT-PT

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Available pack sizes

60 l Black plate barrel	3795 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	3798 DE-EN-ES-FR-IT-PT
1.000 l Container	21612 DE-EN

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

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