Product information

PI 51/11/13/2025

Truck Top-up Oil 10W-40



Description

Low-friction motor oil based on synthetic technology. Ensures excellent engine cleanliness and exceeds even the strictest test requirements of well-known commercial vehicle manufacturers. Provides excellent protection against wear and guarantees optimum oil pressure and a stable lubricating film under all operating conditions. Reduces oil consumption and enables maximum oil change intervals. Assures reliable operation and maximizes the operating life of the diesel particulate filter (DPF). Can be mixed with all commercially available motor oils.

Properties

- high wear resistance
- 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
- backwards compatible
- low residue formation
- outstanding shear resistance

Specifications / Approvals

ACEA E6, E7, E8, E9, E11 • API CK-4 • Deutz DQC IV-18 LA • DTFR 15C110 (228.51) • Mack EO-N • Renault Trucks RGD • Renault Trucks RLD-2 • 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 • Cummins CES 20076 • Cummins CES 20077 • DAF HP2 • Deutz DQC IV-10 LA • Iveco 18-1809 NG2 • JASO DH-2 • Mack EO-M Plus • MAN M 3271-1 • MAN M 3477 • MAN M 3775 • MB 226.9 • MTU Typ 3.1 • 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
Viscosity at -30 °C (MRV)	< 60000 mPas ASTM D 4684

Technical data

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

For commercial vehicle diesel engines that meet the Euro IV, Euro V and Euro VI emissions standards with exhaust aftertreatment system and soot particle filter (DPF/CRT) as well as for all gas-driven vehicles (CNG/LPG). In some cases can also be used in older commercial vehicles in compliance with the Euro II and Euro III emissions standards. Tested for compatibility with turbochargers.

Application

The specifications and instructions from the unit or vehicle manufacturer must be followed.
Recommended for use in diesel engines only.

Available pack sizes

5 l Canister plastic	4606 DE-EN-ES-IT-PT

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

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