Product information

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Truck Long-life Motor Oil 10W-40



Description

All season low-friction motor oil, specially adapted to the new exhaust-optimized commercial vehicle engines with extremely long oil change intervals. Truck Long-Life Motor Oil SAE 10W-40 offers optimum economy due to a significant reduction in fuel consumption, the longest possible period between oil changes and considerably reduced out-of-service times for the vehicles. Truck Long-Life Motor Oil SAE 10W-40 is also ideal for use in a mixed vehicle fleet.

Properties

- high wear resistance
- miscible with all commercially available motor oils
- excellent resistance to aging
- universal application
- outstanding oil film strength
- outstanding detergent and dispersant properties
- prevents "bore polishing"
- excellent cold-start behavior
- wide operating temperature range
- low residue formation
- outstanding shear resistance

Specifications / Approvals

ACEA E4 • ACEA E7 • API CI-4 • Deutz DQC III-18 • DTFR 15B120 • Mack EO-N • MAN M 3277 • Renault Trucks RLD-2 • Renault Trucks RXD • Volvo VDS-3

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 20077 • Cummins CES 20078 • DAF HP2 • Iveco 18-1804 T3 E4 • Mack EO-M Plus • MAN M 3377 • MB 228.5 • MTU Typ 3 • Scania LDF-2

Technical data

SAE class (engine oils)	10W-40 SAE J300
Density at 15 °C	0,865 g/cm³ DIN 51757
Viscosity at 40 °C	97,0 mm²/s ASTM D 7042-04
Viscosity at 100 °C	14,7 mm²/s ASTM D 7042-04
Viscosity at -30 °C (MRV)	<= 60000 mPas ASTM D4684
Viscosity at -25 °C (CCS)	<= 7000 mPas ASTM D5293
Viscosity index	160 DIN ISO 2909

Technical data

High temperature/high shear viscosity	>= 3,5 mPas ASTM D5481
Pour point	-36 °C DIN ISO 3016
Evaporation loss (Noack)	10,0 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	13,0 mg KOH/g DIN ISO 3771
Sulfate ash	<= 2,0 g/100g DIN 51575
Color number (ASTM)	4 DIN ISO 2049

Areas of application

Used especially for high-load, exhaust-optimized commercial vehicle diesel engines using the latest technology and with extremely long periods between oil changes.

Application

For normal and extended intervals between oil changes, the operating instructions of the commercial vehicle and engine manufacturers must be followed.

Available pack sizes

20 l Canister plastic	4733 DE-EN-ES-IT-PT
60 l Black plate barrel	4701 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	4702 DE-EN-ES-FR-IT-PT

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

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