

## Truck Long-life Motor Oil 10W-40

### Description

Year-round, low-friction engine oil specially formulated for the new exhaust-optimised commercial vehicle engines with extremely long periods between oil changes. This product offers the 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. The motor oil is also ideal for use in a mixed vehicle fleet.

### Properties

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

### Approvals

ACEA E4 • ACEA E7 • API CI-4 • Deutz DQC III-10 • Deutz DQC IV-10 • Mack EO-N • MAN M 3277 • MAN M 3377 • MB-Approval 228.5 • Renault Trucks RLD-2 • Renault Trucks RXD • 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 20077 • Cummins CES 20078 • DAF HP2 • Mack EO-M Plus • MTU Typ 3 • Scania LDF-2

### Technical data

SAE class (engine oils)	10W-40 SAE J300
Density at 15 °C	0,865 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	95,2 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	14,1 mm <sup>2</sup> /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	155 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)	9,8 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	13 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-optimised 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

60 l Drum sheet metal	4701 D-GB
205 l Drum sheet metal	4702 D-GB

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