# Product information

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## Truck Low-friction Motor Oil 10W-40




### Description

Synthetic technology low-friction motor oil. Reduces oil thickening caused by drag-in of soot. Keeps oil consumption low. Even under critical operating conditions, it assures optimum oil pressure and a stable lubricating film. Thanks to state-of-the-art additive technology together with unconventional base oils, this motor oil guarantees outstanding low-friction and wear protection properties while facilitating the maximum length of time between oil changes.

### Properties

- outstanding engine cleanliness
- instant lubrication after cold start
- high wear resistance
- miscible with all commercially available motor oils
- outstanding oil film strength
- smooth engine running
- reliable cold start
- tested for turbochargers and catalytic converters

### Specifications / Approvals

ACEA E7, A3/B4 • API CI-4 • API SL • Deutz DQC III-18 • DTFR 15B110 • Global DHD-1 • Mack EO-N • Renault Trucks RLD-2 • 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 • Caterpillar ECF-2 • Cummins CES 20071 • Cummins CES 20072 • Cummins CES 20076 • Cummins CES 20077 • Cummins CES 20078 • Mack EO-M Plus • MAN M 3275-1 • MB 228.3 • MB 229.1 • MTU Typ 2 • Renault Trucks RLD

### Technical data

| | |
|---|---|
| SAE class (engine oils) | 10W-40<br>SAE J300 |
| Density at 15 °C | 0,865 g/cm³<br>DIN 51757 |
| Viscosity at 40 °C | 100,0 mm²/s<br>ASTM D7042 |
| Viscosity at 100 °C | 14,5 mm²/s<br>ASTM D7042 |
| Viscosity at -30 °C (MRV) | < 60000 mPas<br>ASTM D4684 |
| Viscosity at -25 °C (CCS) | <= 7000 mPas<br>ASTM D5293 |
| Viscosity index | 150<br>DIN ISO 2909 |
| HTHS at 150°C | >= 3,5 mPas<br>ASTM D5481 |

### Technical data

| | |
|---|---|
| Pour point | -36 °C<br>DIN ISO 3016 |
| Evaporation loss (Noack) | 10,0 %<br>CEC-L-40-A-93 |
| Flash point | 230 °C<br>DIN ISO 2592 |
| Total base number | 10,5 mg KOH/g<br>DIN ISO 3771 |
| Sulfate ash | 1,0 - 1,6 g/100g<br>DIN 51575 |
| Color number (ASTM) | L 3,5<br>DIN ISO 2049 |

### Areas of application

Used for all diesel engines with and without exhaust gas turbocharging and with and without charge air cooling. Especially suitable where there are long intervals between oil changes and heavy duty engine requirements. However, it is also suitable as a universal motor oil for the mixed vehicle fleet.

### Application

Note the operating instructions of the vehicle and engine manufacturers. Can be mixed with all commercially available motor oils. Full effectiveness only when used unmixed.

### Available pack sizes

| | |
|---|---|
| 5 l Canister plastic | 1185<br>DE-EN-ES-IT-PT |
| 20 l Canister plastic | 4743<br>DE-EN-ES-IT-PT |
| 60 l Black plate barrel | 4744<br>DE-EN-ES-FR-IT-PT |
| 205 l Black plate barrel | 4747<br>DE-EN-ES-FR-IT-PT |

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

LIQUI MOLY GmbH
Jerg-Wieland-Str. 4
89081 Ulm-Lehr

Phone: +49 (0)731/1420-0
Fax: +49 (0)731/1420-82
e-mail: info@liqui-moly.de

Technical hotline: +49 (0)731/1420-871
www.liqui-moly.com