

Truck-Longlife Motor Oil S3 SAE 10W-40

Description

Truck Long term S3 engine oil 10W-40 is an all season motor oil based on fully synthetic technology, which was specially developed for the requirements of SCANIA commercial vehicle engines with extended oil change intervals. The engine oil standard SCANIA LDF-3 is backward compatible and includes all previous SCANIA standards. The use of state-of-the-art additive technology guarantees optimal wearing protection, which corresponds to and fulfils the highest demands of further commercial diesel motor vehicles.

Recommended usage is for diesel engines only.

Properties

- reduces fuel consumption
- oil film strength
- high wear resistance
- prevents "bore polishing"
- broad operating temperature range
- high shear stability
- excellent cold-start behavior
- miscible with all commercially available motor oils
- extremely stable to aging
- outstanding detergent and dispersant properties
- keeps the charge air cooler extremely clean

Specifications and approvals:

ACEA E4 • ACEA E7 • API CF • Scania LDF-3

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

Cummins CES 20072 • DAF HP2 • Deutz DQC III-10 • Mack EO-M Plus • MAN M 3277 • MB 228.5 • MTU Typ 3 • Renault Trucks RLD-2 • Renault Trucks RXD • Volvo Class A • Volvo VDS-3 • ZF TE-ML 04C

Technical data

SAE class (engine oils)	10W-40 SAE J 300
Density at 59 °F	0,865 g/cm ³ DIN 51757
Viscosity at 104 °F	83,4 mm ² /s ASTM D 7042-04
Viscosity at 212°F	13,1 mm ² /s ASTM D 7042-04
Viscosity at -22 °F (MRV)	< 60000 mPas ASTM D 4684
Viscosity at -13 °F (CCS)	<= 7000 mPas ASTM D 5293



Technical data

Viscosity index	158 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D 5481
Pour point	-27 °F DIN ISO 3016
Flash point	446 °F DIN ISO 2592
Evaporation loss (Noack)	10,0 Gew.-% CEC-L-40-A-93
Total base number	16,4 mg KOH/g DIN ISO 3771
Sulfate ash	<= 2,0 g/100g DIN 51575
Color number (ASTM)	L 3,0 DIN ISO 2049

Areas of application

Especially for high performance, emission-optimized, state-of-the-art commercial vehicle diesel engines with extremely long oil change intervals.

Application

The operating regulations of the commercial motor vehicle and engine manufacturers must be followed for normal and extended oil change intervals. Recommended usage is for diesel engines only.

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