Product information

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Touring High Tech Super SHPD 15W-40



Description

Modern multigrade motor oil. Specially developed for mixed vehicle fleets. High quality base oils and the latest additive technology guarantee maximum performance reserves and outstanding wear protection over extremely long oil change intervals. Tested on engines with catalytic converters and ideal for vehicles with and without exhaust gas turbocharger.

Properties

- stable to ageing and stable viscosity
- tested for the use with catalytic converters
- excellent wear resistance
- extremely long oil change intervals
- outstanding detergent and dispersant properties
- suitable for all diesel engines.
- prevents "bore polishing"

Specifications / Approvals

ACEA E7, A3/B4 • API CI-4 • API SL • Allison C4 • 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 20076 • Cummins CES 20077 • Cummins CES 20078 • Deutz DQC III-10 • JASO DH-1 • John Deere JDQ 78A • 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)	15W-40 SAE J300
Density at 15 °C	0,875 g/cm³ DIN 51757
Viscosity at 40 °C	105,0 mm²/s ASTM D7042
Viscosity at 100 °C	14,5 mm²/s ASTM D7042
Viscosity at -25 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -20 °C (CCS)	<= 7000 mPas ASTM D5293
Viscosity index	145 DIN ISO 2909
HTHS at 150°C	>= 3,7 mPas ASTM D5481
Pour point	-36 °C DIN ISO 3016

Technical data

Evaporation loss (Noack)	9,0 % 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 - 1,6 g/100g DIN 51575
Color number (ASTM)	L 3,5 DIN ISO 2049

Areas of application

Suitable for universal use but especially for modern diesel engines. Also suitable for mixed vehicle fleets.

Application

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

Available pack sizes

5 l Canister plastic	1084 AR-BG-CS-DA-DE-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
20 l Canister plastic	1121 DE-EN-ES-IT-PT
60 l Black plate barrel	1122 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	1088 DE-EN-ES-FR-IT-PT
1.000 l Container	4289 DE-EN

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

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