

Product information

Formula Super 15W-40

PI 26/29/05/2019



Description

Formula Super HD SAE 15W-40 is a year-round, high-performance, multi-purpose engine oil which is suitable for efficient lubrication in a mixed vehicle fleet. This optimum combination of selected additives and outstanding base oils is suitable for both diesel engines and gasoline engines.

Properties

- very good dispersion properties
- oil film strength
- high shear stability
- optimum stability to aging
- suitable for gasoline and diesel engines with and without exhaust-gas turbocharging
- high wear resistance
- good cleaning action
- tested for catalytic converters
- prevents black sludge
- low evaporation loss
- miscible with all commercially available motor oils

Specifications and approvals:

ACEA A2 • ACEA B3 • ACEA E2 • API SJ • API CF-4 • Allison C4 • MIL-L 2104 E • MIL-L 46152 D • Volvo VDS

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

Caterpillar TO-2 • MAN 271 • MB 228.1 • MTU Typ 1

Technical data

SAE class (engine oils)	15W-40 SAE J300
Density at 15 °C	0,875 g/cm ³ DIN 51757
Viscosity at 40 °C	100,5 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	14,3 mm ² /s ASTM D 7042-04
Viscosity at -25°C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -20°C (CCS)	<= 7000 mPas ASTM D5293
Viscosity index	146 DIN ISO 2909
HTHS at 150°C	>= 3,7 mPas ASTM D5481



Technical data

Pour point	-30 °C DIN ISO 3016
Evaporation loss (Noack)	9,2 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	7,4 mg KOH/g DIN ISO 3771
Sulfate ash	1,1 % DIN 51575
Color number (ASTM)	L4,5 DIN ISO 2049

Areas of application

Universal engine oil for gasoline and diesel engines (aspirated diesel engines and diesel engines with exhaust-gas turbocharging, with and without charge air cooler). Especially suitable where there are long intervals between oil changes and extreme running conditions.

Application

The operating instructions of the vehicle and transmission manufacturers must be followed.

Available pack sizes

1 l Canister plastic	1439 D
1 l Canister plastic	1893 D-NL-F-GR-ARAB
1 l Canister plastic	9516 D-GB-F-ARAB
4 l Canister plastic	9526 D-GB-F-ARAB
5 l Canister plastic	1440 D
5 l Canister plastic	1866 D-NL-F-GR-ARAB
5 l Canister plastic	9517 D-GB-F-ARAB

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Available pack sizes

20 l Canister plastic	1451
	D-GB
60 l Drum sheet metal	1442
	D-GB
205 l Drum sheet metal	1443
	D-GB

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