Product information
Diesel Synthoil 5W-40

PI 41/11/27/2026

Description

Fully synthetic, high-performance, low-friction motor oil for year-round use in passenger car diesel engines. Ideal for naturally aspirated and turbocharged diesel engines, with or without charge air cooling and direct injection. Synthetic base oils and a high proportion of high-performance additive components meet or exceed the stringent requirements of modern engine designs.



Properties

- outstanding engine cleanliness
- tested for turbochargers and catalytic converters
- optimum oil pressure under all operating conditions
- smooth engine running
- miscible with all commercially available motor oils
- optimum stability to aging
- high shear stability
- instant lubrication after cold start
- high lubrication reliability
- excellent wear protection
- excellent low temperature behavior
- extremely low evaporation loss
- outstanding dirt suspending power

Specifications / Approvals

ACEA A3 • ACEA B4 • API CF

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

BMW Longlife-98 • MB 229.3 • VW 505 00

Technical data

SAE class (engine oils)	5W-40 SAE J300
Density at 15 °C	0,850 g/cm³ DIN 51757
Viscosity at 40 °C	94,0 mm²/s ASTM D7042
Viscosity at 100 °C	14,8 mm²/s ASTM D7042
Viscosity at -35 °C (MRV)	⩽ 60000 mPas ASTM D4684
Viscosity at -30 °C (CCS)	⩽ 6600 mPas ASTM D5293
Viscosity index	170 DIN ISO 2909
HTHS at 150°C	⩾ 3,7 mPas ASTM D5481

Technical data

Pour point	-48 °C DIN ISO 3016
Evaporation loss (Noack)	7.0 % 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)	L3,0 DIN ISO 2049

Areas of application

Optimum oil for aspirated and turbo diesel engines with and without charge air cooling. Especially suitable where there are long intervals between oil changes and heavy duty engine requirements.

Application

The specifications and instructions from the assembly or vehicle manufacturer must be followed.

Available pack sizes

1 l Canister plastic	1340 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
5 l Canister plastic	1341 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
20 l Canister plastic	1342 DE-EN-ES-IT-PT

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

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