

Diesel Synthoil 5W-40

Description

Diesel Synthoil SAE 5W-40 is a fully synthetic high-performance, low-friction motor oil designed for year-round use in passenger vehicle diesel engines. Optimum motor oil for aspirated diesel engines and diesel engines with exhaust gas turbocharging, with and without charge air cooler and direct fuel injection. The synthetic base oils and high proportion of powerful additive components satisfy and exceed the requirements of state-of-the-art 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
- reduces pollutant emissions
- excellent low temperature behavior
- extremely low evaporation loss
- oil and fuel savings
- 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/cm ³ DIN 51757 |
| Viscosity at 40 °C | 94,0 mm ² /s ASTM D7042 |
| Viscosity at 100 °C | 14,8 mm ² /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 |



Technical data

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|--------------------------|-------------------------------|
| HTHS at 150°C | ≥ 3,7 mPas ASTM D5481 |
| 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

Note the operating instructions of the vehicle and engine manufacturers.

Available pack sizes

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|--------------------------|---|
| 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-UK-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-UK-ZH |
| 20 l Canister plastic | 1342 DE-EN-ES-IT-PT |
| 60 l Black plate barrel | 1343 DE-EN |
| 205 l Black plate barrel | 1344 DE-EN |

Product information

PI 35/07/03/2025



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