

Diesel Synthoil 5W-40

Description

Diesel Synthoil SAE 5W-40 is a fully synthetic high-performance, low-friction engine oil designed for year-round use in passenger motor vehicle diesel engines. Optimum engine 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 additive components satisfy and exceed the requirements of the most state-of-the-art engine designs.

Properties

- outstanding dirt suspending power
- high lubrication reliability
- excellent low temperature behavior
- optimum stability to aging
- excellent wear protection
- smooth engine running
- miscible with all commercially available motor oils
- high shear stability
- reduces pollutant emissions
- rapid oil delivery at low temperatures
- extremely low evaporation loss
- tested for turbochargers and catalytic converters
- oil and fuel savings
- optimum oil pressure under all operating conditions
- outstanding engine cleanliness

Specifications and approvals:

ACEA A3 • ACEA B4 • API CF

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

BMW Longlife-98 • MB 229.3 • VW 505 00

Technical data

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|---------------------------|---|
| SAE class (engine oils) | 5W-40 SAE J300 |
| Density at 15 °C | 0,850 g/cm ³ DIN 51757 |
| Viscosity at 40 °C | 90.2 mm ² /s ASTM D 7042-04 |
| Viscosity at 100 °C | 14,5 mm ² /s ASTM D 7042-04 |
| Viscosity at -35 °C (MRV) | <= 60000 mPas ASTM D4684 |
| Viscosity at -30°C (CCS) | <= 6600 mPas ASTM D5293 |



Technical data

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|--------------------------|-------------------------------|
| Viscosity index | 167 DIN ISO 2909 |
| HTHS at 150°C | >= 3,5 mPas ASTM D5481 |
| Pour point | -45 °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) | L4,0 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 extreme engine requirements.

Application

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

Available pack sizes

| | |
|------------------------|--------------------|
| 1 l Canister plastic | 1340 BOOKLET |
| 5 l Canister plastic | 1341 BOOKLET |
| 20 l Canister plastic | 1342 D-GB-I-E-P |
| 60 l Drum sheet metal | 1343 D-GB |
| 205 l Drum sheet metal | 1344 D-GB |

Product information

PI 21/25/03/2019



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