

## 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

SAE class (engine oils)	5W-40 SAE J300
Density at 15 °C	0,850 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	90.2 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	14,5 mm <sup>2</sup> /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

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
1 l Canister plastic	1926 D-RUS-UA
5 l Canister plastic	1341 BOOKLET
5 l Canister plastic	1927 D-RUS-UA
20 l Canister plastic	1342 D-GB-I-E-P

# Product information

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## Diesel Synthoil 5W-40

### Available pack sizes

60 l Drum sheet metal	1343 D-GB
205 l Drum sheet metal	1344 D-GB

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