

# Product information

## Synthoil High Tech 5W-40

PI 12/20/05/2016



### Description

Synthoil High Tech SAE 5W-40 is a fully synthetic, high-performance, low-friction engine oil designed for year-round use in passenger motor vehicle engines. Optimum high-performance for multi-valve and turbocharged engines. The synthetic base oils and high-quality additive components satisfy and greatly exceed the requirements of the most state-of-the-art engine designs.

### Properties

- tested for turbochargers and catalytic converters
- excellent wear protection
- smooth engine running
- mixable with all commercially available motor oils
- extremely low evaporation loss
- long engine service life
- outstanding engine cleanliness
- rapid oil delivery at low temperatures
- high shear stability

### Specifications and approvals:

ACEA A3 • ACEA B4 • API CF • API SM

**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 • Porsche A40 • VW 502 00 • 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	88,5 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	14,5 mm <sup>2</sup> /s ASTM D 7042-04
Viskosität bei -35°C (MRV)	<= 60000 mPas ASTM D4684
Viscosity at -30°C (CCS)	<= 6600 mPas ASTM D5293
Viscosity index	171 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D5481
Pour point	-42 °C DIN ISO 3016

### Technical data

Evaporation loss (Noack)	9,5 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	8,9 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 for modern gasoline engines with multi-valve technology and turbocharging. Especially suitable where there are long intervals between oil changes and heavy duty engine requirements.

### Application

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

### Available pack sizes

1 l Canister plastic	1306 D-F-I
1 l Canister plastic	1855 BOOKLET
1 l Canister plastic	1924 D-RUS-UA
4 l Canister plastic	2194 BOOKLET
4 l Canister plastic	1915 D-RUS-UA
5 l Canister plastic	1307 D-F-I
5 l Canister plastic	1856 BOOKLET
5 l Canister plastic	1925 D-RUS-UA

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### Available pack sizes

20 l Canister plastic	1308
	D-GB-I-E-P
60 l Drum sheet metal	1309
	D-GB
60 l Deposit container	1320
	D-GB
205 l Drum sheet metal	1311
	D-GB
1 l Bulk goods	1319
	D-GB

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