

# Product information

## Synthoil High Tech 5W-40

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### 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
- miscible with all commercially available motor oils
- extremely low evaporation loss
- long engine service life
- outstanding engine cleanliness
- instant lubrication after cold start
- high shear stability

### Specifications and approvals:

ACEA A3 • ACEA B4 • 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	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
Viscosity index	167 DIN ISO 2909
HTHS at 150°C	≥ 3,5 mPas ASTM D5481
Pour point	-45 °C DIN ISO 3016

### Technical data

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)	L 4,0 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	1855 BOOKLET
4 l Canister plastic	2194 BOOKLET
5 l Canister plastic	1856 BOOKLET
20 l Canister plastic	1308 D-GB-I-E-P
60 l Drum sheet metal	1309 D-GB
205 l Drum sheet metal	1311 D-GB

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