

Product information

Synthoil High Tech 5W-40

PI 16/12/01/2017



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 SM • 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 • 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 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
Viskosität bei -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)	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.