

# Product information

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## Synthoil Premium SAE 5W-40

### Description

Low-friction, fully synthetic motor oil for all-season use in gasoline and diesel engines without particulate filters (GPF/DPF).

### Benefits:

- saves fuel
- instant lubrication after cold start
- maximum engine performance
- keeps engine clean

### Specifications and approvals:

ACEA A3 • ACEA B4 • API SN • 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 • Opel GM-LL-A-025 • Opel GM-LL-B-025 • Porsche A40 • Renault RN 0700 • Renault RN 0710 • VW 502 00 • VW 505 00

### Technical data

SAE class (engine oils)	5W-40 SAE J300
Density at 59 °F	0,855 g/cm <sup>3</sup> DIN 51757
Viscosity at 104 °F	87,5 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 212°F	14,4 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -31 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -22 °F (CCS)	≤ 6600 mPas ASTM D5293
Viscosity index	171 DIN ISO 2909
HTHS at 302 °F	> 3,5 mPas ASTM D5481
Pour point	-49 °F DIN ISO 3016
Evaporation loss (Noack)	12,9 % CEC-L-40-A-93
Flash point	446 °F DIN ISO 2592
Total base number	10,5 mg KOH/g DIN ISO 3771
Sulfate ash	1,0 - 1,6 g/100g DIN 51575



### Technical data

Color number (ASTM)	L4,0
	DIN ISO 2049

### Areas of application

For gasoline or diesel engines where a motor oil according to current specifications is required or recommended. Tested safe with catalytic converters and turbochargers.

### Application

Observe the manufacturers instructions!

### Available pack sizes

1 l Canister plastic	2040 USA AND CANADA (-EN-F-)
5 l Canister plastic	2041 USA AND CANADA (-EN-F-)
60 l Drum sheet metal	2099 USA AND CANADA (-EN-F-)
205 l Drum sheet metal	2069 USA AND CANADA (-EN-F-)

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