Product information
Synthoil High Tech 5W-40

PI 42/11/13/2026

Description

Fully synthetic low-friction oil for modern engines. Reduces oil consumption and ensures optimal lubrication even under extreme operating conditions. Features a thermally stable, wide-range viscosity, immediate lubrication during cold starts, and optimal oil pressure across the entire engine speed range. Provides reliable lubrication even at extreme temperatures. Optimizes engine performance, enhances wear protection, and helps extend engine life. Tested for use with turbochargers and catalytic converters.



Properties

- outstanding engine cleanliness
- tested for turbochargers and catalytic converters
- smooth engine running
- miscible with all commercially available motor oils
- long engine service life
- high shear stability
- instant lubrication after cold start
- excellent wear protection
- extremely low evaporation loss

Specifications / Approvals

ACEA A3 • ACEA B4 • API SN

LIQUI MOLY recommends this product for vehicles or assemblies for which the following specifications or original spare 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/cm³ DIN 51757
Viscosity at 40 °C	94,0 mm²/s ASTM D7042
Viscosity at 100 °C	14,8 mm²/s ASTM D7042
Viscosity at -35 °C (MRV)	≤ 60000 mPas ASTM D4684
Viscosity at -30 °C (CCS)	≤ 6600 mPas ASTM D5293
Viscosity index	170 DIN ISO 2909
HTHS at 150°C	≥ 3,7 mPas ASTM D5481

Technical data

Pour point	-48 °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)	L3,0 DIN ISO 2049

Areas of application

All-season oil for gasoline and diesel engines. Especially well-suited for extended oil change intervals and high-demand applications.

Application

The specifications and instructions from the assembly or vehicle manufacturer must be followed.

Available pack sizes

1 l Canister plastic	1855 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
4 l Canister plastic	2194 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
5 l Canister plastic	1856 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
20 l Canister plastic	1308 DE-EN-ES-IT-PT
60 l Black plate barrel	1309 DE-EN-ES-FR-IT-PT

LIQUI MOLY GmbH
Jerg-Wieland-Str. 4
89081 Ulm-Lehr

Phone: +49 (0)731/1420-0
Fax: +49 (0)731/1420-82
e-mail: info@liqui-moly.de

Technical hotline: +49 (0)731/1420-871
www.liqui-moly.com

Product information

Synthoil High Tech 5W-40

PI 42/11/13/2026

Available pack sizes

205 l Black plate barrel	1311 DE-EN-ES-FR-IT-PT

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

LIQUI MOLY GmbH
Jerg-Wieland-Str. 4
89081 Ulm-Lehr

Phone: +49 (0)731/1420-0
Fax: +49 (0)731/1420-82
e-mail: info@liqui-moly.de

Technical hotline: +49 (0)731/1420-871
www.liqui-moly.com