Product information

PI 32/07/03/2025

Synthoil High Tech 5W-40



Description

Fully-synthetic low-friction oil for state-of-the-art engines. Reduces oil and fuel consumption. Optimal lubrication, even in extreme situations. With heat-resistant wide-band viscosity. Immediate lubrication at cold start and optimal oil pressure at all engine speeds. Lubrication reliability is retained even at extreme temperatures. Optimal engine performance. Improved wear protection, extended engine service life. Tested for 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
Pour point	-48 °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)	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

Note the operating instructions of the vehicle and engine manufacturers.

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-UK-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-UK-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-UK-ZH
20 l Canister plastic	1308 DE-EN-ES-IT-PT
60 l Black plate barrel	1309 DE-EN
205 l Black plate barrel	1311 DE-EN

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

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legally binding.

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