Product information
Synthoil Energy 0W-40

PI 46/06/29/2026

Description
Fully-synthetic low-friction motor oil for year-round use. Ensures the fastest oil penetration of the engine. Optimum engine lubrication from the first revolution with lower wear. Considerable fuel saving in the cold-running phase thanks to the low frictional resistance due to the use of synthetic base oils using advanced additive technology, ensuring low viscosity and high shear stability for the motor oil and reliably preventing the formation of deposits, reducing frictional loss in the engine and providing optimum protection from wear. Tested for turbochargers and catalytic converters.

Properties
- outstanding engine cleanliness
- tested for turbochargers and catalytic converters
- optimum oil pressure under all operating conditions
- instant lubrication after cold start
- high lubrication reliability
- high wear resistance
- low evaporation loss
- highest fuel economy
- outstanding high temperature stability

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 • Ford WSS-M2C 937-A • MB 229.3 • Porsche A40 • VW 502 00 • VW 505 00

Technical data

SAE class (engine oils)	0W-40 SAE J300
Density at 15 °C	0,845 g/cm³ DIN 51757
Viscosity at 40 °C	80,0 mm²/s ASTM D7042
Viscosity at 100 °C	13,8 mm²/s ASTM D7042
Viscosity at -40 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -35 °C (CCS)	⩽ 6200 mPas ASTM D5293
Viscosity index	180 DIN ISO 2909
HTHS at 150°C	⩾ 3,7 mPas ASTM D5481

Technical data

Pour point	-48 °C DIN ISO 3016
Evaporation loss (Noack)	10,0 % 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
Optimal for modern passenger vehicles with gasoline and diesel engines with and without turbocharging and with and without charge air cooling. Especially suitable where there are long intervals between oil changes and heavy duty engine requirements.

Application
Note the operating instructions of the vehicle and engine manufacturers.

Available pack sizes

1 l Canister plastic	1794 DE-EN-KO
1 l Canister plastic	9514 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
1 l Canister plastic	20701 DE-EN-ZH
4 l Canister plastic	2451 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	21101 DE-EN-ZH

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5 l Canister plastic	9515 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	20990 DE-EN-ZH
20 l Canister plastic	1362 DE-EN-ES-IT-PT
60 l Black plate barrel	1363 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	1364 DE-EN-ES-FR-IT-PT

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

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