Product information
Leichtlauf Energy 0W-40

PI 22/09/14/2026

Description

Premium class low-friction motor oil based on synthetic technology. Ensures immediate oil penetration with cold starts and outstanding lubricating film stability under extreme operating conditions. Provides optimal wear protection for the engine, prevents the build-up of troublesome deposits and reduces fuel consumption.



Properties

- tested for turbochargers and catalytic converters
- miscible with all commercially available motor oils
- excellent wear resistance
- prevents the build-up of deposits
- excellent cold-start behavior
- rapid oil penetration
- for extended change intervals (note manufacturer's instructions)

Specifications / Approvals

ACEA A3 • ACEA B4 • API SP • Porsche A40

LIQUI MOLY recommends this product for vehicles or assemblies for which the following specifications or original spare part numbers are required:

API CF • BMW Longlife-01 (up to 2018)* • Ford WSS-M2C 937-A • MB 229.3 • MB 229.5 • Renault RN 0700 • Renault RN 0710 • VW 502 00 • VW 505 00

Technical data

Viscosity SAE class	0W-40 SAE J300
Density at 15 °C	0,845 g/cm³ DIN 51757
Viscosity at 40 °C	75,0 mm²/s ASTM D7042
Viscosity at 100 °C	13,4 mm²/s ASTM D7042
Viscosity at -40 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -35 °C (CCS)	<= 6200 mPas ASTM D5293
Viscosity index	185 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D5481
Pour point	-45 °C DIN ISO 3016
Evaporation loss (Noack)	11,5 % CEC-L-40-A-93

Technical data

Flash point	230 °C DIN ISO 2592
Total base number	12,0 mg KOH/g DIN ISO 3771
Sulfate ash	1,2 g/100g DIN 51575
Color number (ASTM)	L3,5 DIN ISO 2049

Areas of application

For gasoline and diesel engines without a diesel particulate filter. Especially suitable where there are long intervals between oil changes and high requirements on the engine. Tested for turbochargers and catalytic converters.

Application

The specifications and instructions from the unit or vehicle manufacturer must be followed. Optimum effectiveness only when the product is used unmixed.

Available pack sizes

1 l Canister plastic	21222 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	20740 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	21223 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
205 l Black plate barrel	21271 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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