

## Leichtlauf Energy 0W-40

### Description

Premium class low-friction motor oil based on synthetic technology. Ensures immediate oil penetration on 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

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

### Specifications and approvals

ACEA A3 • ACEA B4 • API SN • Porsche A40

**LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original 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/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	76 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	13,4 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -40 °C (MRV)	< 60000 mPas ASTM D 4684
Viscosity at -35 °C (CCS)	<= 6200 mPas ASTM D 5293
Viscosity index	181 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D 5481
Pour point	-54 °C DIN ISO 3016
Evaporation loss (Noack)	11 % CEC-L-40-A-93



### Technical data

Flash point	230 °C DIN ISO 2592
Total base number	10 mg KOH/g DIN ISO 3771
Sulfate ash	1,0 - 1,6 g/100g DIN 51575
Color number (ASTM)	L 3,0 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 use with turbochargers and catalytic converters.

### Application

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

### Available pack sizes

1 l Canister plastic	21222 BOOKLET
4 l Canister plastic	20740 BOOKLET
5 l Canister plastic	21223 BOOKLET
20 l Canister plastic	21272 D-GB-I-E-P
205 l Drum sheet metal	21271 D-GB

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