

## Optimal 10W-40

### Description

semi synthetic all-season, low friction motor oil with a state-of-the-art formulation which has been developed to meet the highest requirements of modern and high-revving gasoline engines. The product provides excellent lubrication under all operating conditions. Outstanding selected base oils ensure first-class engine cleanliness. Tested for use with catalytic converters and turbochargers.



### Properties

- smooth engine running
- outstanding lubrication reliability
- excellent low temperature behavior
- guarantees low fuel consumption
- instant lubrication after cold start
- guarantees low pollutant emissions
- optimum stability to aging
- tested for turbochargers and catalytic converters
- long engine service life
- miscible with all commercially available motor oils
- outstanding engine cleanliness
- high shear stability

### Specifications / Approvals

ACEA A3 • ACEA B3 • API SL • API CF

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

AVTOVAZ • MB 229.1

### Technical data

SAE class (engine oils)	10W-40 SAE J300
Density at 15 °C	0,865 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	95,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	14,5 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -30 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -25 °C (CCS)	<= 7000 mPas ASTM D5293
Viscosity index	160 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D5481
Pour point	-36 °C DIN ISO 3016

### Technical data

Evaporation loss (Noack)	10,0 % ASTM D 5800-08 Method B
Flash point	230 °C DIN ISO 2592
Total base number	10,3 mg KOH/g DIN ISO 3771
Sulfate ash	0,9 - 1,5 g/100g
Color number (ASTM)	L 4,0 DIN ISO 2049

### Areas of application

For year-round use in modern and high-revving gasoline engines with and without multi-valve technology and turbocharging.

### Application

The operating instructions of the vehicle and engine manufacturers must be followed.

### Available pack sizes

1 l Canister plastic	3929 BOOKLET
4 l Canister plastic	3930 BOOKLET
60 l Black plate barrel	3931 D-GB
205 l Black plate barrel	3932 D-GB

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