Product information
Optimal Synth 5W-40

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Description

A modern, synthetic-based, all-season low-friction motor oil designed to meet the highest demands of modern, high-performance gasoline and diesel engines. Provides excellent lubrication under all operating conditions while minimizing friction. Tested for use with catalytic converters and turbochargers.

Properties

- outstanding engine cleanliness
- tested for turbochargers and catalytic converters
- optimum oil pressure under all operating conditions
- smooth engine running
- miscible with all commercially available motor oils
- long engine service life
- optimum stability to aging
- high shear stability
- outstanding lubrication reliability
- instant lubrication after cold start
- excellent wear protection
- reduces frictional losses

Specifications / Approvals

ACEA A3 • ACEA B4 • API SP • API CF

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

AVTOVAZ • BMW Longlife-98 • MB 229.3 • Opel GM-LL-A-025 • Opel GM-LL-B-025 • Renault RN 0700 • Renault RN 0710 • VW 502 00 • VW 505 00

Technical data

SAE class (engine oils)	5W-40 SAE J300
Density at 15 °C	0,855 g/cm³ DIN 51757
Viscosity at 40 °C	83,0 mm²/s ASTM D7042
Viscosity at 100 °C	13,9 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	> 3,5 mPas ASTM D5481
Pour point	-36 °C DIN ISO 3016

Technical data

Evaporation loss (Noack)	11,0 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	11,0 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 year-round use in modern and high-revving gasoline and diesel engines with and without multi-valve technology, turbocharging and charge air cooling. Ideal for extreme engine requirements.

Application

The specifications and instructions from the assembly or vehicle manufacturer must be followed.

Available pack sizes

1 l Canister plastic	3925 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	3926 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-UK-ZH
60 l Black plate barrel	3927 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	3928 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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