# Product information
Optimal Synth 5W-30

PI 21/09/14/2026

## Description




Top-quality, state-of-the-art low-friction motor oil for use all year round. The combination of unconventional base oils on a hydrocrack basis using the latest additive technology serves to guarantee a motor oil which reduces both oil and fuel consumption while ensuring fast oil penetration of the engine.

## Properties

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

## Specifications / Approvals

ACEA A3 • ACEA B4

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

API SP • API CF • AVTOVAZ • BMW Longlife-98 • Chrysler • Daihatsu • Ford • GM • Honda • Hyundai • Isuzu • Kia • Mazda • MB 229.3 • Mitsubishi • Nissan • Opel GM-LL-A-025 • Opel GM-LL-B-025 • Renault RN 0700 • Renault RN 0710 • Subaru • Suzuki • Toyota • VW 502 00 • VW 505 00

## Technical data

| | |
|---|---|
| SAE class (engine oils) | 5W-30<br>SAE J 300 |
| Density at 15 °C | 0,855 g/cm³<br>DIN 51757 |
| Viscosity at 40 °C | 70,0 mm²/s<br>ASTM D7042 |
| Viscosity at 100 °C | 11,8 mm²/s<br>ASTM D7042 |
| Viscosity at -35 °C (MRV) | < 60000 mPas<br>ASTM D4684 |
| Viscosity at -30 °C (CCS) | <= 6600 mPas<br>ASTM D5293 |
| Viscosity index | 165<br>DIN ISO 2909 |
| HTHS at 150°C | >= 3,5 mPas<br>ASTM D5481 |

## Technical data

| | |
|---|---|
| Pour point | -36 °C<br>DIN ISO 3016 |
| Evaporation loss (Noack) | 11,0 %<br>CEC-L-40-A-93 |
| Flash point | 230 °C<br>DIN ISO 2592 |
| Total base number | 11,0 mg KOH/g<br>DIN ISO 3771 |
| Sulfate ash | 1,0 -1,6 g/100g<br>DIN 51575 |
| Color number (ASTM) | L 3,0<br>DIN ISO 2049 |

## Areas of application

Ideally suited for modern gasoline and diesel engines with multi-valve technology and turbocharging as well as with and without charge air cooling and for use in gas-driven passenger cars (CNG/LPG). Especially suitable where there are long intervals between oil changes and heavy duty engine requirements.

## Application

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

## Available pack sizes

| | |
|---|---|
| 1 l Canister plastic | 39000<br>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 | 39001<br>AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-UK-ZH |
| 20 l Canister plastic | 39003<br>DE-EN-ES-IT-PT |
| 205 l Black plate barrel | 39004<br>DE-EN-ES-FR-IT-PT |

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

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**legally binding.**

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