Product information

PI 12/09/14/2026

Optimal New Generation 5W-40



Description

Low-friction motor oil based on synthetic technology. Provides outstanding lubricated film stability, prevents the build-up of deposits, protects optimal against wear and ensures fast oil penetration of the engine.

Properties

- high shear stability
- rapid oil penetration
- miscible with all commercially available motor oils
- tested for turbochargers and catalytic converters
- prevents the build-up of deposits
- outstanding oil film strength
- excellent wear protection

Specifications / Approvals

ACEA C3 • API SN • API SP

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

MB 229.31

Technical data

SAE class (engine oils)	5W-40 SAE J300
Density at 15 °C	0,850 g/cm³ DIN 51757
Viscosity at 40 °C	86,0 mm²/s ASTM D7042
Viscosity at 100 °C	14,3 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
Evaporation loss (Noack)	12,0 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	8,0 mg KOH/g DIN ISO 3771
Sulfate ash	<= 0,8 g/100g DIN 51575

Technical data

Color number (ASTM)	L 2,5 DIN ISO 2049

Areas of application

For gasoline and diesel engines with and without diesel particulate filter (DPF). Also suitable for use in gas-driven vehicles (CNG/LPG). Tested for use with turbochargers and catalytic converters.

Application

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

Available pack sizes

1 l Canister plastic	39032 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-UK-ZH

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

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