Product information

PI 47/09/21/2026

Molygen New Generation 5W-20

Description

High performance low-friction motor oil for year-round use. The combination of unconventional base oils and advanced additive technology as well as the special Molygen additive ensures that the motor oil is of low viscosity with a high shear stability and reliably prevents the formation of deposits, significantly reducing frictional losses in the engine and providing the optimum protection from wear. This results in fuel savings and an extended service life for the engine.

Properties

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

Specifications / Approvals

API SQ • ILSAC GF-7A

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

Chrysler MS-6395 • Daihatsu • Fiat 9.55535-CR1 • Ford WSS-M2C 930-A • Ford WSS-M2C 945-A • Ford WSS-M2C 945-B1 • Ford WSS-M2C 960-A1 • Ford WSS-M2C 970-A1 • GM 6094 M • GM dexos1 Gen 3 • Honda • Hyundai • Kia • Mazda • Mitsubishi • Mitsubishi Dia Queen • Nissan • Subaru • Toyota

Technical data

SAE class (engine oils)	5W-20 SAE J300
Density at 15 °C	0,850 g/cm³ DIN 51757
Viscosity at 40 °C	47,0 mm²/s ASTM D 7042-04
Viscosity at 100 °C	8,5 mm²/s ASTM D 7042-04
Viscosity at -35 °C (MRV)	< 60000 mPas ASTM D 4684
Viscosity at -30 °C (CCS)	<= 6600 mPas ASTM D 5293

Technical data

Viscosity index	160 DIN ISO 2909
HTHS at 150°C	>= 2,6 mPas ASTM D 5481
Pour point	-39 °C DIN ISO 3016
Evaporation loss (Noack)	10,5 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	8,2 mg KOH/g DIN ISO 3771
Sulfate ash	< 0,8 g/100g DIN 51575
Color / appearance	green, fluorescent

Areas of application

Ideal for modern Asian and American gasoline engines with multi-valve technology and turbocharging with and without charge air cooling. For the protection and value retention of the engine during long intervals between oil changes and where there are extreme demands on the engine.

Application

The operating instructions of the vehicle and engine manufacturers must be followed. Can be mixed with all commercially available motor oils. Optimum effectiveness is only possible when the product is used unmixed.

Available pack sizes

1 l Canister plastic	8539 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	20798 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-UK-ZH

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5 l Canister plastic	8540 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-UK-ZH
205 l Black plate barrel	20799 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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