Product information

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Molygen 5W-50



Description

Specially developed high-performance low-friction engine oil for year-round use. The fully synthetic base oil, combined with innovative additive technology and the special Molygen additive, delivers a low-viscosity, highly shear-stable engine oil that reliably prevents deposits, significantly reduces engine friction losses, provides excellent wear protection, and helps extend engine life. Recommended for gasoline and diesel engines, including turbocharged engines and vehicles with catalytic converters.

Properties

- tested for turbochargers and catalytic converters
- optimum oil pressure under all operating conditions
- miscible with all commercially available motor oils
- instant lubrication after cold start
- high lubrication reliability
- low evaporation loss
- friction and wear reducing
- can be used in gasoline and diesel engines with and without turbocharger

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

ACEA A3 • ACEA B3 • API SJ • MB 229.1 • VW 502 00 • VW 505 00

Technical data

SAE class (engine oils)	5W-50 SAE J300
Density at 15 °C	0,85 g/cm³ DIN 51757
Viscosity at 40 °C	117 mm²/s ASTM D 7042-04
Viscosity at 100 °C	18,5 mm²/s ASTM D 7042-04
Viscosity at -35 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -30 °C (CCS)	<= 6600 mPas ASTM D5293
Viscosity index	177 DIN ISO 2909
HTHS at 150°C	>= 3,7 mPas ASTM D5481
Pour point	-42 °C DIN ISO 3016
Evaporation loss (Noack)	7,5 % CEC-L-40-A-93
Flash point	240 °C DIN ISO 2592

Technical data

Total base number	11,1 mg KOH/g DIN ISO 3771
Sulfate ash	0,9 - 1,5 g/100g DIN 51575
Color / appearance	green-brown, fluorescent

Areas of application

Optimum for modern passenger vehicles with gasoline and diesel engines with multi-valve technology and turbocharging. 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

Can be mixed with all commercially-available motor oils. The specifications and instructions from the assembly or vehicle manufacturer must be followed. Optimum performance is guaranteed only when used unmixed.

Available pack sizes

1 l Canister plastic	2542 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
4 l Canister plastic	2543 AR-BG-CS-DA-EL-EN-ES-FI-FR-HR-HU-IT-KK-NL-NO-PL-PT-RO-RU-SK-SV-TR-ZH
60 l Black plate barrel	23260 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	21659 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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