

Molygen 5W-50

Description

Liqui Moly Molygen SAE 5W-50 is a specially developed high-performance, low-friction engine oil for year-round use. The combination of synthetic base oils and advanced additive technology as well as the special Molygen additive ensures that the engine oil is of low viscosity and has 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 savings in fuel and an extended service life for the engine. Liqui Moly Molygen SAE 5W-50 is recommended for gasoline and diesel engines, including engines with turbochargers and catalytic converters.

Properties

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

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original 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/cm ³ DIN 51757
Viscosity at 40 °C	117 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	18,5 mm ² /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



Technical data

Pour point	-42 °C DIN ISO 3016
Evaporation loss (Noack)	7,5 % CEC-L-40-A-93
Flash point	240 °C DIN ISO 2592
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 turbochargers. For protection and value conservation of the engine during long intervals between oil changes and extreme engine requirements.

Application

The operating instructions of the vehicle and engine manufacturers must be followed. Can be mixed with all commercially available engine oils. Optimum performance only when used alone.

Available pack sizes

1 l Canister plastic	2542 D-GB-I-E-P
4 l Canister plastic	2543 D-GB-I-E-P
205 l Drum sheet metal	21659 D-GB

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