

## Molygen New Generation SAE 5W-40

### Description

Fully synthetic LIQUI MOLY specialty with a unique additive technology. The powerful MFC (Molecular Friction Control) technology prevents formation of deposits while simultaneously reducing frictional losses. The synergetic effect provides optimum wear protection even under tough operating conditions. Improved fuel consumption and increased engine life are some of the end results. The oils fluorescent green color is typical for the MFC formulation.

### Properties

- outstanding engine cleanliness
- excellent high and low temperature behavior
- friction and wear reducing
- optimum stability to aging
- excellent wear protection
- miscible with all commercially available motor oils
- outstanding lubrication reliability
- high shear stability
- compatible for the use with turbochargers and catalytic converters
- instant lubrication after cold start

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

ACEA A3 • ACEA B4 • API SN • BMW Longlife-01 (up to 2018) • Fiat 9.55535-H2 • Fiat 9.55535-N2 • Fiat 9.55535-Z2 • MB 229.5 • Opel GM-LL-B-025 • Porsche A40 • Renault RN 0700 • Renault RN 0710 • VW 502 00 • VW 505 00

### Technical data

SAE class (engine oils)	5W-40 SAE J 300
Density at 59 °F	0,850 g/cm <sup>3</sup> DIN 51757
Viscosity at 104 °F	80,7 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 212°F	14,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -31 °F (MRV)	< 60000 mPas ASTM D 4684
Viscosity at -22 °F (CCS)	<= 6600 mPas ASTM D 5293
Viscosity index	180 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D 5481



### Technical data

Pour point	-49 °F DIN ISO 3016
Evaporation loss (Noack)	10,0 Gew.-% DIN 51581
Flash point	446 °F DIN ISO 2592
Total base number	11,3 mg KOH/g DIN ISO 3771
Sulfate ash	1,0 - 1,6 g/100g DIN 51575
Color / appearance	grün, fluoreszierend / green, fluorescent

### Areas of application

For gasoline engines where a motor oil according to current specifications is required or recommended. Tested safe with catalytic converters and turbochargers.

### Application

Observe the manufacturers instructions!

### Comment

 **WARNING:** Cancer- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Available pack sizes

1 l Canister plastic	20230 USA AND CANADA (-EN-F-)
5 l Canister plastic	20232 USA AND CANADA (-EN-F-)
205 l Drum sheet metal	20422 USA AND CANADA (-EN-F-)
1000 l Container	22139 USA AND CANADA (-EN-F-)

# Product information

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