

## Molygen New Generation SAE 5W-50

### 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

- excellent wear resistance
- instant lubrication after cold start
- outstanding engine cleanliness
- saves fuel and reduces pollutant emissions
- optimum stability to aging
- miscible with all commercially available motor oils
- friction and wear reducing
- ideal with turbochargers and catalytic converters
- smooth engine running
- outstanding lubrication reliability
- excellent high and low temperature behavior
- outstanding shear resistance

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

API SN

### Technical data

|                           |                                            |
|---------------------------|--------------------------------------------|
| SAE class (engine oils)   | 5W-50<br>SAE J 300                         |
| Density at 59 °F          | 0,855 g/cm <sup>3</sup><br>DIN 51757       |
| Viscosity at 104 °F       | 115,0 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Viscosity at 212°F        | 19,0 mm <sup>2</sup> /s<br>ASTM D 7042-04  |
| HTHS at 302 °F            | >= 3,7 mPas<br>ASTM D 5481                 |
| Viscosity at -31 °F (MRV) | < 60000 mPas<br>ASTM D 4684                |
| Viscosity at -22 °F (CCS) | <= 6600 mPas<br>ASTM D 5293                |
| Viscosity index           | 185<br>DIN ISO 2909                        |
| Pour point                | -38 °F<br>DIN ISO 3016                     |
| Flash point               | 446 °F<br>DIN ISO 2592                     |



### Technical data

|                          |                               |
|--------------------------|-------------------------------|
| Total base number        | 10,0 mg KOH/g<br>DIN ISO 3771 |
| Evaporation loss (Noack) | 11,7 %<br>ASTM 5800B          |
| Sulfate ash              | 1,0 - 1,6 %<br>DIN 5157       |
| Color / appearance       | green, fluorescent            |

### Areas of application

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

**⚠ WARNING:** This product can expose you to chemicals including naphthalene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Application

Observe the manufacturers instructions!

### Available pack sizes

|                          |                         |
|--------------------------|-------------------------|
| 5 l Canister plastic     | 20310<br>CAEN-CAFR-USEN |
| 205 l Black plate barrel | 22259<br>CAEN-CAFR-USEN |

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