

## Molygen New Generation 5W-40

### 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

- outstanding engine cleanliness
- excellent high and low temperature behavior
- friction and wear reducing
- optimum stability to aging
- excellent wear protection
- mixable with all commercially available motor oils
- outstanding lubrication reliability
- high shear stability
- tested for turbochargers and catalytic converters
- rapid oil delivery at low temperatures

**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 • API CF • BMW Longlife-01 • MB 229.5 • Porsche A40 • Renault RN 0700 • VW 502 00 • VW 505 00

### Technical data

|                            |                                           |
|----------------------------|-------------------------------------------|
| SAE class (engine oils)    | 5W-40<br>SAE J 300                        |
| Density at 15 °C           | 0,855 g/cm <sup>3</sup><br>DIN 51757      |
| Viscosity at 40 °C         | 80,7 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Viscosity at 100 °C        | 14,0 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Viskosität bei -35°C (MRV) | < 60000 mPas<br>ASTM D 4684               |
| Viscosity at -30°C (CCS)   | <= 6600 mPas<br>ASTM D 5293               |
| Viscosity index            | 180<br>DIN ISO 2909                       |
| HTHS at 150°C              | >= 3,5 mPas<br>ASTM D 5481                |
| Pour point                 | -45 °C<br>DIN ISO 3016                    |



### Technical data

|                          |                               |
|--------------------------|-------------------------------|
| Evaporation loss (Noack) | 11,0 Gew.-%<br>DIN 51581      |
| Flash point              | 230 °C<br>DIN ISO 2592        |
| Total base number        | 11,3 mg KOH/g<br>DIN ISO 3771 |
| Sulfate ash              | 1,0 - 1,6 g/100g<br>DIN 51575 |
| Color / appearance       | grün, fluoreszierend          |

### Areas of application

Best for modern gasoline and passenger vehicle diesel engines with and without exhaust-gas turbochargers. For the protection and value conservation of the engine during long intervals between oil changes and when there are extreme engine requirements.

### Application

The operating instructions of the vehicle and engine manufacturers must be followed. Can be mixed with all commercially-available motor oils. Optimum effect obtained only when used on its own (i.e. no mixing).

### Available pack sizes

|                        |                 |
|------------------------|-----------------|
| 1 l Canister plastic   | 8576<br>BOOKLET |
| 4 l Canister plastic   | 8578<br>BOOKLET |
| 5 l Canister plastic   | 8536<br>BOOKLET |
| 60 l Drum sheet metal  | 9056<br>D-GB    |
| 205 l Drum sheet metal | 9057<br>D-GB    |

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