

## Nova Super 20W-50

### Description

Nova Super SAE 20W-50 is a year-round, high-performance engine oil which is formulated according to the latest technology. Selected base oils and a high additive content guarantee optimum lubrication under extreme running conditions and during long periods between oil changes.

### Properties

- can be used in gasoline and diesel engines with and without turbocharger
- high shear stability
- low evaporation loss
- tested for catalytic converters
- optimum stability to aging
- high wear resistance
- prevents black sludge
- miscible with all commercially available motor oils
- very good dispersion properties
- guarantees low oil consumption
- excellent cleaning effect
- oil film strength

### Specifications and approvals:

ACEA A3 • ACEA B4 • ACEA E2 • API SL • Allison C4 • MIL-L 2104 E

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

Caterpillar TO-2 • MAN 271 • MB 228.3

### Technical data

|                          |   |
|--------------------------|---|
| SAE class (engine oils)  | 20W-50<br>SAE J300                        |
| Density at 15 °C         | 0,880 g/cm <sup>3</sup><br>DIN 51757      |
| Viscosity at 40 °C       | 153 mm <sup>2</sup> /s<br>ASTM D 7042-04  |
| Viscosity at 100 °C      | 18,1 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Viscosity at -20°C (MRV) | < 60000 mPas<br>ASTM D4684                |
| Viscosity at -15°C (CCS) | <= 9500 mPas<br>ASTM D5293                |
| Viscosity index          | 132<br>DIN ISO 2909                       |
| HTHS at 150°C            | >= 3,7 mPas<br>ASTM D5481                 |



### Technical data

|                          |                               |
|--------------------------|-------------------------------|
| Pour point               | -30 °C<br>DIN ISO 3016        |
| Evaporation loss (Noack) | 7,2 %<br>CEC-L-40-A-93        |
| Flash point              | 240 °C<br>DIN ISO 2592        |
| Total base number        | 10,2 mg KOH/g<br>DIN ISO 3771 |
| Sulfate ash              | 1,0 - 1,6 g/100g<br>DIN 51575 |
| Color number (ASTM)      | L5,5<br>DIN ISO 2049          |

### Areas of application

Universal engine oil for gasoline and diesel engines (aspirated diesel engines and diesel engines with exhaust-gas turbocharging and with and without charge air cooler). Especially suitable where there are long intervals between oil changes and extreme running conditions.

### Application

The operating instructions of the vehicle and transmission manufacturers must be followed.

### Available pack sizes

|                       |              |
|-----------------------|--------------|
| 1 l Canister plastic  | 1427<br>D    |
| 5 l Canister plastic  | 1421<br>D    |
| 20 l Canister plastic | 1431<br>D-GB |

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