

# Product information

megol Motorenoel Future LL 12 FE SAE 0W-30



## Description

Low-friction motor oil based on modern base oils and innovative additive technology. Guarantees outstanding performance, excellent protection and engine cleanliness as well as reduced friction and optimum temperature stability. Has a considerably smaller proportion of ash-forming substances and thus protects the diesel particulate filter from soiling and wear. Enables highly efficient driving with the greatest fuel savings at a low oil consumption and maximum engine performance. Leads to an extended service life for the engine. Specially developed for the requirements of various vehicle models from BMW. Also suitable for automatic start-stop systems.

**Range of applications: Passenger cars.**

**Note the manufacturer's instructions!**

## Specifications / Approvals

ACEA C2 • API SP • BMW Longlife-12 FE • DTFR 15D100 • MB-Approval 229.61

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

MB 227.61

## Characteristic data

|                           |   |
|---------------------------|---|
| Viscosity SAE class       | 0W-30<br>SAE J300                         |
| Density at 15 °C          | 0,845 g/cm <sup>3</sup><br>DIN 51757      |
| Viscosity at 40 °C        | 47,0 mm <sup>2</sup> /s<br>ASTM D 7042-04 |
| Viscosity at 100 °C       | 9,5 mm <sup>2</sup> /s<br>ASTM D 7042-04  |
| Viscosity at -40 °C (MRV) | < 60000 mPas<br>ASTM D 4684               |
| Viscosity at -35 °C (CCS) | ≤ 6200 mPas<br>ASTM D 5293                |
| Viscosity index           | 190<br>DIN ISO 2909                       |
| HTHS at 150°C             | ≥ 2,9 mPas<br>ASTM D 5481                 |
| Pour point                | -42 °C<br>DIN ISO 3016                    |
| Evaporation loss (Noack)  | 10,9 %<br>ASTM D 5800 B                   |
| Flash point               | 230 °C<br>DIN ISO 2592                    |

## Characteristic data

|                     |                              |
|---------------------|------------------------------|
| Total base number   | 9,0 mg KOH/g<br>DIN ISO 3771 |
| Sulfate ash         | ≤ 0,8 g/100g<br>DIN 51575    |
| Color number (ASTM) | L 2,5<br>DIN ISO 2049        |

## Available pack sizes

|                          |                                     |
|--------------------------|-------------------------------------|
| 1 l Canister plastic     | 33028<br>AR-DE-EN-ES-FR-IT-PT-RO-RU |
| 200 l Black plate barrel | 33151<br>DE-EN                      |