

# Product Information

## AVENO WIV-Multi LL 5W-30

0002-000074



### Description

AVENO WIV-Multi LL 5W-30 is a synthetic smooth-running engine oil for petrol and diesel car engines with or without turbocharging and direct injection. Minimization of friction, wear and fuel consumption, excellent cold starting properties. Extended oil change intervals as per manufacturer's instructions. AVENO WIV-Multi LL 5W-30 extends the lifetime of the diesel particulate filter by means of a reduced concentration of ash-forming particles in the exhaust gas. Reduces the release of harmful emissions into the environment. Offers increased safety due to continuously high protection of the engines. It achieves a high viscosity index thanks to its formulation with special base oils.

### Instructions for use

AVENO WIV-Multi LL 5W-30 is an energy-efficient engine oil for year-round use, and is ideal for use in modern petrol and diesel engines. It is suitable for extended oil change intervals and extends the lifespan of the particulate filter. The AVENO WIV-Multi LL 5W-30 is also suitable for use in modern hybrid vehicles with petrol or diesel engines. It meets the special requirements of hybrid drive systems, including frequent start-stop cycles and low operating temperatures. The operating instructions of the vehicle and engine manufacturers must be observed.

| Quality classification                                 |             |  |                          |
|--|-------------|--|--------------------------|
| Specification  |             |  |                          |
| • API SN   |             | • ACEA C3  |                          |
| Approval   |             |  |                          |
| • BMW Longlife-04                                      |             | • MB-Approval 229.51   |                          |
| • VW 504 00/507 00                                     |             |  |                          |
| Recommendation   |             |  |                          |
| • Fiat 9.55535-S3                                      |             | • Porsche C30  |                          |
| • MB 229.31  |             |  |                          |
| Properties   |             |  |                          |
| • Fuel savings under all operating conditions          |             | • Excellent cold starting properties, even at low temperatures below -25°C |                          |
| • Secure lubricant film at high operating temperatures |             | • A very stable and excellent viscosity behavior and shear stability       |                          |
| • Neutrality towards sealants                          |             | • Excellent protection against wear, corrosion and foaming                 |                          |
| • Low evaporation, thus low oil consumption            |             | • Extended oil change intervals protect natural resources                  |                          |
| • Suitable for catalytic converters                    |             |  |                          |
| Technical specifications                               |             |  |                          |
| Properties   | Data        | Unit   | Testing under            |
| Kinematic Viscosity at 40°C                            | 69.8        | mm²/s  | DIN 51659-2:2017-02      |
| Kinematic Viscosity at 100°C                           | 12.1        | mm²/s  | DIN 51659-2:2017-02      |
| Viscosity Index  | 172         |  | DIN ISO 2909:2004-08     |
| Appearance   | YELLOWBROWN |  | VISUELL                  |
| Viscosity CCS at -30°C                                 | 5015        | mPa*s  | ASTM D 5293:2020         |
| Density at 15°C  | 850         | kg/m³  | DIN EN ISO 12185:1997-11 |
| Pour Point   | -45         | °C   | ASTM D 7346:2015         |
| Total Base Number (TBN)                                | 8.0         | mgKOH/g  | ASTM D 2896:2015         |