# Product Information

## AVENO FS Racing 10W-50

**0002-000150**

### Description

AVENO FS Racing 10W-50 is a high-alloyed, synthetic, smooth-running, multi-grade engine oil with specially selected base oils. Thanks to its special additives, AVENO FS Racing 10W-50 is also suitable for an extremely sporting driving style. AVENO FS Racing 10W-50 is ideally suited to modern petrol engines under the heaviest of loads during car racing. AVENO FS Racing 10W-50 ensures an optimal lubrication layer, even at very high operating temperatures.

### Instructions for use

AVENO FS Racing 10W-50 can be used as a special oil for car racing, even under the harshest of conditions.

### Quality classification

#### Specification

- API SN/CF
- ACEA A3/B4

#### Recommendation

- MB 229.1, MB 229.3
- VW 501 00/505 00

### Properties

- Year-round use as a synthetic engine-oil
- Fuel savings due to reduced friction wear
- Continuous high oil pressure
- Extensive protection against wear, corrosion and foaming
- Black sludge is prevented from forming
- A very stable and excellent viscosity behavior and shear stability
- High oil film stability to prevent wear
- Low evaporation, thus low oil consumption
- Suitable for catalytic converters
- Extended oil change intervals protect natural resources

### Technical specifications

| Properties | Data | Unit | Testing under |
|---|---|---|---|
| Kinematic Viscosity at 40°C | 115.9 | mm²/s | DIN 51659-2:2017-02 |
| Kinematic Viscosity at 100°C | 17.4 | mm²/s | DIN 51659-2:2017-02 |
| Viscosity Index | 165 | | DIN ISO 2909:2004-08 |
| Appearance | YELLOWBROWN | | VISUELL |
| Viscosity CCS at -25°C | 5580 | mPa*s | ASTM D 5293:2020 |
| Density at 15°C | 856 | kg/m³ | DIN EN ISO 12185:1997-11 |
| Pour Point | -36 | °C | ASTM D 7346:2015 |
| Total Base Number (TBN) | 10.2 | mgKOH/g | ASTM D 2896:2015 |

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**Notice:** To the best of our knowledge, all of the information provided was in accordance with the latest findings and developments of the **Deutsche Ölwerke Lubmin GmbH.** Our products are subject to continuous development. For this reason, our products, the manufacturing processes and all related information on this product page are subject to change at any time and without notice, unless customer-specific agreements exist. The data listed are based on standardized test procedures under appropriate laboratory conditions and are to be regarded as general, non-binding reference values.