



## RAVENOL Formel Diesel Super SAE 10W-30

RAVENOL Formel Diesel Super 10W-30 is modern high-alloyed HD motor oil with synthetic additives. The high proportion of additive guarantees an excellent effect, especially in regard to the detergent, dispersant and anti-wear properties.

RAVENOL Formel Diesel Super 10W-30 has an excellent lubricating film adhesion, an excellent cleaning efficiency as well as a high aging resistance.

### Application Notes

RAVENOL Formel Diesel Super 10W-30 is suitable for all kinds of passenger cars - gasoline and diesel engines - and can be ideally used the whole year, even with turbo charging.

### Specifications

API CF/CF-4, ACEA E2

### Practice and tested in aggregates with filling

VW 505 00, Volvo VDS, Caterpillar TO-4, MTU Type 2, MB 228.1, MAN 271, ZF TE-ML 07C, Allison C-4

### Characteristic

RAVENOL Formel Diesel Super 10W-30 offers:

- Suitable for catalyst vehicles
- Excellent detergent and dispersant characteristics
- Good cold start characteristics
- High oxidation stability
- Excellent viscosity temperature behaviour
- Best wear protection
- Reduces emissions
- High safety reserves

| Characteristics    | Unit               | Data      | Audit        |
|--------------------|--------------------|-----------|--------------|
| Colour             |                    | gelbbraun | visual       |
| Density at 20°C    | kg/m <sup>3</sup>  | 874       | EN ISO 12185 |
| Viscosity at 40°C  | mm <sup>2</sup> /s | 70,0      | DIN 51 562   |
| Viscosity at 100°C | mm <sup>2</sup> /s | 10,5      | DIN 51 562   |
| Viscosity index VI |                    | 137       | DIN ISO 2909 |
| Flash point (COC)  | °C                 | 214       | DIN ISO 2592 |
| Pourpoint          | °C                 | - 34      | DIN ISO 3016 |
| TBN                | mg KOH/g           | 8,5       | DIN ISO 3771 |
| Sulphated ash      | %wt.               | ca. 0,9   | -            |

All indicated data are approximate values and are subject to the commercial fluctuations.

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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