



## RAVENOL Super Performance Truck SAE 5W-30



**VISCOSITY** 5W-30

**SPECIFICATIONS** API CI-4 | API CF | ACEA E4 | ACEA E7

**FABRICATION** SYNTHETIC

**APPROVALS** RENAULT RXD | LICENSE: API CI-4

**RECOMMENDATIONS** MB 228.5 | VOLVO VDS-3 | MACK EO-M PLUS | VOITH RETARDER B | GLOBAL DHD-1 | JASO DH-1 | MTU TYPE 3 | MAN M 3277

### ART.-NR. 1122102

|        |             |
|--------|-------------|
| 1 L    | 1122102-001 |
| 5 L    | 1122102-005 |
| 10 L   | 1122102-010 |
| 20 L   | 1122102-020 |
| 20 L   | 1122102-B20 |
| 60 L   | 1122102-060 |
| 60 L   | 1122102-D60 |
| 208 L  | 1122102-208 |
| 208 L  | 1122102-D28 |
| 1000 L | 1122102-700 |

**RAVENOL Super Performance Truck SAE 5W-30** is a high alloyed USHPD low friction engine oil for commercial vehicles. Because of the use of synthetic basic oils the viscosity area 5W-30 could be realised. Because of the cold viscosity SAE 5W a definite cold start (low cold start corrosion) and a supply of all lubrication areas is guaranteed as quickly as possible at very low outside temperatures. Extreme stress applications are controlled by the high temperature viscosity SAE 30. Minimized friction loss and wear.

## Application Notes

**RAVENOL Super Performance Truck SAE 5W-30** is a high-performance engine oil for commercial vehicles which can be used the whole year and which is adapted to the new exhaust gas emission rules (also for EURO I, II, III, IV and EURO V engines).

**RAVENOL Super Performance Truck SAE 5W-30** is suitable for oil change intervals up to more than 100.000 km according to the manufacturer's specifications.

## Characteristics

**RAVENOL Super Performance Truck SAE 5W-30** offers:

- Protection against corrosion
- An excellent oxidation stability
- An excellent high temperature stabilit
- Excellent detergent and dispersant attributes
- Profitability because of a low fuel consumption
- Long endurance because of a high oxidation stability
- Excellent cold start attributes



- A very good viscosity temperature behaviour
- Low evaporation

| Property                                | Unit               | Data      | Audit        |
|---|--------------------|-----------|--------------|
| Density at 20°C                         | kg/m <sup>3</sup>  | 854,0     | EN ISO 12185 |
| Colour                                  |                    | gelbbraun | visual       |
| Viscosity at 100°C                      | mm <sup>2</sup> /s | 11,5      | DIN 51 562   |
| Viscosity at 40°C                       | mm <sup>2</sup> /s | 69,3      | DIN 51 562   |
| Viscosity index VI                      |                    | 161       | DIN ISO 2909 |
| CCS Viscosity at -30°C                  | mPa*s              | 6000      | ASTM D5293   |
| Low Temp. Pumping viscosity -35°C (MRV) | mPa*s              | 16.200    | ASTM D4684   |
| Pourpoint                               | °C                 | -36       | DIN ISO 3016 |
| Noack Volatility                        | % M/M              | 10,1      | ASTM D5800/b |
| Flash point                             | °C                 | 242       | DIN ISO 2592 |
| TBN                                     | mg KOH/g           | 13,0      | ASTM D2896   |
| Sulphated ash                           | %wt.               | 1,0       | DIN 51 575   |

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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