

**- Certificate / ProductInformation -**

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

Art. 1122102

SYNTHETIC

TRUCK

**Description:**

**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 Directions:**

**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.

**Quality Classification:**

**RAVENOL Super Performance Truck SAE 5W-30** is approved, tried and tested for aggregates specifying:

Specifications: ACEA E4, E7, API CI-4/CF

License: API CI-4

Approvals: Renault RXD

Recommendations: MB 228.5, MB 235.28, IVECO, Volvo VDS 3, MACK EO-M Plus, Voith Retarder B, Global DHD-1, JASO DH-1, SCANIA LDF-3, MTU Typ 3, MAN M3277, Cummins CES 20076, -77, -78

**Technical Characteristics:**

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

- Protection against corrosion
- An excellent oxidation stability
- An excellent high temperature stability
- 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

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**Technical Values:**

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m <sup>3</sup>	854,0	EN ISO 12185
Colour		yellow brown	visual
Viscosity at 100°C	mm <sup>2</sup> /s	11,5	DIN 51562-1
Viscosity at 40°C	mm <sup>2</sup> /s	69,3	DIN 51562-1
Viscosity Index VI		161	DIN ISO 2909
CCS Viscosity at -30°C	mPa*s	6000	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35°C	mPa*s	16.200	ASTM D4684
Pourpoint	°C	-36	DIN ISO 3016
Noack Volatility	%wt.	10,1	ASTM D5800
Flashpoint	°C	242	DIN ISO 2592
TBN	mg KOH/g	13,0	ASTM D2896
Sulphated ash	%wt.	1,0	DIN 51575

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