

- Certificate / ProductInformation -

**RAVENOL EURO IV Truck SAE 10W-40**

Art. 1122107

**Description:**

**RAVENOL EURO IV Truck SAE 10W-40** is a universal multi-grade low friction oil on the basis of synthetic PAO and HC basic oils in connection with the most modern additives for all diesel engines with and without turbo charging for trucks, buses and working machines and is coordinated to the latest generation of 4-Takt diesel engines.

**RAVENOL EURO IV Truck SAE 10W-40** is UHPD-Motoroil (Ultra High Performance Diesel) with special requirements for Diesel Particular Filters DPF for the LOW SPash Technology. Offers low content of sulphur, phosphor and low ash content.

**Application Directions:**

**RAVENOL EURO IV Truck SAE 10W-40** is maximum efficiency engine oil which can be used the whole year and which was produced for the new exhaust gas emission directives respectively for vehicles with exhaust gas return systems.

**RAVENOL EURO IV Truck SAE 10W-40** can be used in all diesel engines with and without turbo charging. Suitable for EURO I, II, III, IV and EURO V engines.

**Quality Classification:**

**RAVENOL EURO IV Truck SAE 10W-40** is approved, tried and tested for aggregates specifying:

Specifications: API CI-4, ACEA 2010: E7, E6

License: API CI-4

Approvals: MB-Approval 228.51, MAN M 3477, VOLVO VDS-3, MACK EO-N, Renault VI RLD-2, Deutz DQC III-10 LA, TATRA TDS 30/12

Recommendations: MTU Type 3, MTU Type 3.1, Renault RXD, Scania LDF, DAF HP-2, MAN 3277 (CRF, exhaust gas return system)

**Technical Characteristics:**

**RAVENOL EURO IV Truck SAE 10W-40** offers:

- High corrosion protection
- An excellent oxidation stability
- An excellent high temperature stability
- Excellent detergent and dispersant characteristics
- Profitability because of a low fuel consumption
- Long endurance because of a high oxidation stability
- An excellent cold start behaviour, a quick engine lubrication at low temperatures
- A very good viscosity temperature behaviour
- Neutrality of sealing
- Low oil consumption because of the low evaporation loss by PAO and HC basic oils

**Technical Values:**

Characteristics	unit	data	test according to	
<b>Colour</b>		brown	visual	
<b>Density</b>	at 20°C	kg/m <sup>3</sup>	852	EN ISO 12185
<b>Viscosity</b>	at -25 °C	mPa*s	6000	ASTM D5293
	at 40 °C	mm <sup>2</sup> /s	95,0	DIN 51 562
	at 100 °C	mm <sup>2</sup> /s	14,3	DIN 51 562
<b>Viscosity index VI</b>			155	DIN ISO 2909
<b>Flash point (COC)</b>	°C	236		DIN ISO 2592
<b>Pour point</b>	°C	- 36		DIN ISO 3016

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

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

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