

## RAVENOL EURO VI Truck SAE 10W-40

Art. 1122108

TRUCK

### Description:

**RAVENOL EURO VI Truck SAE 10W-40** is a top quality semisynthetic fuel economy "Low SAPS" year-round multigrade diesel engine oil based on the latest additive technology combined with very special base oils. This fuel saving lubricant has mainly been developed for heavy diesel engines even under the toughest operation conditions and all the year round. This product is very suitable for EURO 4, EURO 5 and EURO 6 engines in combination with diesel fuel with a low sulphur content.

**RAVENOL EURO VI Truck SAE 10W-40** is suitable for application in engines with or without particle filters and exhaust catalysts. The SAE 10W-40 viscosity range ensures reliable cold starting at low ambient temperatures and full lubricity at high operating temperatures. The use of shearstable additives guarantees that the SAE grade 10W-40 is maintained throughout the entire oil change interval.

**RAVENOL EURO VI Truck SAE 10W-40** is developed as SHPD Motoroil (Super High Performance Diesel) and is suitable for use in engines with or without particle filter and catalytic converter and the special requirements for Low SAPS Technology. Low sulphur-, phosphor- and ash-content.

### Application Directions:

**RAVENOL EURO VI Truck SAE 10W-40** is a year round high performance motor oil, especially designed for economic use in exhaust-optimized engines with exhaust aftertreatment systems.

**RAVENOL EURO VI Truck SAE 10W-40** is for universal use in all Diesel-engines with or without turbo-charging and for use in EURO 4, EURO 5 and EURO 6 engines.

### Quality Classification:

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

Specifications: ACEA E9, API CJ-4/SN

Approvals: Deutz DQC III-10 LA, MB-Approval 228.51, Cummins CES 20076/77, MTU Type 3.1 (all MTU engines and DDC engines Series 2000/4000, except Series 1800, 8000, 956 TB31/32/33/34, 1163 TB32 Genset and 60)

Recommendations: Renault RLD-2, RXD, MACK EO-N, Scania LDF-2, MTU Type 3, MAN M3477, M3271-1, VOLVO VDS-3, Chrysler MS-10902

### Technical Characteristics:

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

- High wear protection
- Excellent oxidation stability
- Excellent high temperature stability
- Excellent detergent and dispersant
- Profitability through low fuel consumption
- Long service life through high oxidation stability
- Excellent cold start performance even at low temperatures, a fast motor-oil penetration
- Very good viscosity-temperature behavior
- neutrality towards seals
- Low oil consumption due to the low evaporation loss by PAO base oils and HC

### Technical Values:

Characteristics	unit	data	test according to	
<b>Colour</b>		brown	visual	
<b>Density</b>	at 20°C	kg/m <sup>3</sup>	857	EN ISO 12185
<b>Viscosity</b>	at -25°C	mPa.s	5830	DIN 51 377
	at 40°C	mm <sup>2</sup> /s	96,8	DIN 51 562
	at 100°C	mm <sup>2</sup> /s	14,3	DIN 51 562
<b>Viscosity index VI</b>			152	DIN ISO 2909
<b>Flash point (COC)</b>		°C	250	DIN ISO 2592
<b>Pour point</b>		°C	- 33	DIN ISO 3016
<b>TBN</b>		mg KOH/g	8,7	DIN ISO 3771
<b>Sulphated ash</b>		% wt.	0,96	DIN 51 575

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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