



RAVENOL EURO VI Truck SAE 10W-40

Low SAPS

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 Notes

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 Classifications

Specifications

ACEA E9, API CJ-4/SN

Approvals

Deutz QDC 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)

Practice and tested in aggregates with filling

Renault RLD-2, RXD, MACK EO-N, Scania LDF-2, MTU Typ 3, MAN M3477, M3271-1, VOLVO VDS-3, Chrysler MS-10902, Ford WSS-M2C171-E

Characteristic

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

Characteristics	Unit	Data	Audit
Colour		brown	visual
Density at 20°C	kg/m ³	857	EN ISO 12185
Viscosity at -25°C	mPa.s	4950	DIN 51 377
Viscosity at 40°C	mm ² /s	86,8	DIN 51 562
Viscosity at 100°C	mm ² /s	13,8	DIN 51 562
Viscosity index VI		164	DIN ISO 2909
Flash point (COC)	°C	234	DIN ISO 2592
Pourpoint	°C	-33	DIN ISO 3016
TBN	mg KOH/g	10,1	DIN ISO 3771
Sulphated ash	%wt.	0,96	DIN 51 575

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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