



## RAVENOL Ultra Synthetik Truck 5W-30



ART.-NR. 1121102

10 L | 1121102-010  
20 L | 1121102-020  
208 L | 1121102-208  
208 L | 1121102-D28  
60 L | 1121102-060  
1000 L | 1121102-700

**VISCOSITY** 5W-30

**SPECIFICATIONS** ACEA E4 | API CJ-4 | ACEA E6 | ACEA E7 | ACEA E9

**FABRICATION** SYNTHETIC

**APPROVALS** SCANIA LDF-4 | MACK EO-O PREMIUM PLUS | MAN M 3677  
| MAN M 3477 | MAN M 3575 | MAN M 3271-1 | MB-APPROVAL 228.31 | MB-  
APPROVAL 228.51 | RENAULT VI RLD-3 | VOLVO VDS-4

**RECOMMENDATIONS** CATERPILLAR ECF-3 | MB 235.28 | MTU TYPE 3.1 |  
MTU TYPE 2.1 | DEUTZ DQC IV-10 LA | CUMMINS CES 20081 | MAN 3691 |  
MAN 3297-1 | JASO DH-2 | VOLVO CNG | DAF | VOITH RETARDER B |  
SCANIA LOWASH

**RAVENOL Ultra Synthetik Truck SAE 5W-30** is a top quality synthetic 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 Ultra Synthetik Truck SAE 5W-30** is suitable for application in engines with or without particle filters and exhaust catalysts. The SAE 5W-30 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 5W-30 is maintained throughout the entire oil change interval.

**RAVENOL Ultra Synthetik Truck SAE 5W-30** 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 Ultra Synthetik Truck SAE 5W-30** is a year round high performance motor oil, especially designed for economic use in exhaust-optimized engines with exhaust aftertreatment systems.

**RAVENOL Ultra Synthetik Truck SAE 5W-30** 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.



## Characteristics

RAVENOL Ultra Synthetik Truck SAE 5W-30 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

Property	Unit	Data	Audit
Colour		braun	visual
Density at 20°C	kg/m <sup>3</sup>	855	EN ISO 12185
Viscosity at -25°C	mPa.s	5705	DIN 51 377
Viscosity at 40°C	mm <sup>2</sup> /s	70,5	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	11,9	DIN 51 562
Viscosity index VI		166	DIN ISO 2909
Pourpoint	°C	-36	DIN ISO 3016
Flash point (COC)	°C	232	DIN ISO 2592
TBN	mg KOH/g	12,0	ASTM D2896
Sulphated ash	%wt.	0,85	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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