



1 L | 1121105-001  
5 L | 1121105-005  
10 L | 1121105-010  
20 L | 1121105-020  
20 L | 1121105-B20  
60 L | 1121105-060  
60 L | 1121105-D60  
208 L | 1121105-208  
208 L | 1121105-D28  
1000 L | 1121105-700

## RAVENOL FET FUEL EFFICIENCY TRUCK SAE 5W-30

**Category** Truck engine oil

**Item number** 1121105

**Viscosity** 5W-30

**Specification** API FA-4, API SN

**Oil type** Synthetic

**Approvals** MB-Freigabe 228.61

**Recommendation** Cummins CES 20087, Detroit Diesel DDC 93K223

**Application** Truck

### RAVENOL FET Fuel Efficiency Truck SAE 5W-30

is a synthetic Fuel Economy Longlife multigrade engine oil with an HTHS viscosity of between 2.9 cP and 3.2 cP which has been specially developed for the latest generation of turbodiesel commercial vehicle engines.

### RAVENOL FET Fuel Efficiency Truck SAE 5W-30

with API specification FA-4 fulfils the requirements of the On-Highway Greenhouse Gas (GHG) standards for the reduction of greenhouse gas emissions from model year 2017 onwards.

### RAVENOL FET Fuel Efficiency Truck SAE 5W-30

is suitable for diesel fuel with a sulphur content of up to 15ppm and can be used in the latest exhaust gas-optimized engines with exhaust gas treatment such as DPF diesel particulate filters and other systems.

RAVENOL FET Fuel Efficiency Truck SAE 5W-30 contains shear-stable ingredients and improves engine performance, reliability and cleanliness. It delivers significant improvements to oxidation resistance, air supply, shear stability, wear and tear, deposits and a reduction in fuel consumption.

## Application Note

### RAVENOL FET Fuel Efficiency Truck SAE 5W-30

is used by engine manufacturers as a year-round multigrade engine oil for engines with exhaust treatment systems with viscosity grade SAE 5W-30 in diesel commercial vehicle engines which are subject to heavy strain.

### RAVENOL FET Fuel Efficiency Truck SAE 5W-30

with category FA-4 is neither interchangeable nor backward-compatible with API CK-4, CJ-4, CI-4 with CI-4 PLUS, CI-4 or CH-4 oils.

Note the manufacturer recommendations in order to

establish whether **RAVENOL FET Fuel Efficiency Truck SAE 5W-30** with API FA-4 is suitable for use. **RAVENOL FET Fuel Efficiency Truck SAE 5W-30** with API FA-4 is not recommended for use with fuels with more than 15 ppm of sulphur.

## Technical Product Data

Density at 20 °C	849,0	kg/m <sup>3</sup>	EN ISO 12185
Colour	braun		VISUELL
Viscosity at 100 °C	9,9	mm <sup>2</sup> /s	DIN 51562-1
Viscosity at 40 °C	60,0	mm <sup>2</sup> /s	DIN 51562-1
Viscosity Index VI	151		DIN ISO 2909
HTHS Viscosity at 150 °C	3,05	mPa*s	ASTM D5481
CCS Viscosity at -30 °C	5320	mPa*s	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	15.000	mPa*s	ASTM D4684
Pourpoint	-42	°C	DIN ISO 3016
Noack Volatility	9,2	% M/M	ASTM D5800
Flashpoint	232	°C	DIN EN ISO 2592
tbn	10,4	mg KOH/g	ASTM D2896
Sulphated Ash	1,0	%wt.	DIN 51575

30.12.2021