



# RAVENOL FET Fuel Efficiency Truck SAE 5W-30



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

**Kategorie:** Truck engine oil

**Artikelnummer:** 1121105

**Viscosity:** 5W-30

**Specifications:** ACEA F01, API FA-4, API SN, JASO DH-2

**Oil type:** Synthetic

**Approvals:** API FA-4, API SN, DTFR 15C130, Mack EOS-5, Renault Trucks RLD-5, VOLVO VDS-5

**Recommendations:** Cummins CES 20087, Detroit Diesel Corporation (DDC) DFS93K223, MB 228.61

**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 instructions

**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.

## Characteristics

- A very stable and excellent viscosity behavior and high shear stability
- Fuel savings under all operating conditions
- Maintains the effectiveness of emission control systems over a very long period of time
- Loss of performance due to blocked diesel particle filters is prevented and a higher level of efficiency
- Low evaporation tendency, therefore low oil consumption
- Extended oil change intervals protect natural resources
- Very good cold start properties
- Low SAPS = Low Sulfated Ash, Phosphorus and Sulfur
- Can also be used in many commercial vehicles without diesel particle filters

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	%wt.	0,95	DIN 51575
tbn	mg KOH/g	10,4	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	9,9	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	60,0	DIN 51562-1
Viscosity Index VI		151	DIN ISO 2909
CCS Viscosity at -30 °C	mPa*s	5320	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	849,0	EN ISO 12185
Flashpoint	°C	222	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	3,19	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	17.000	ASTM D4684
Noack Volatility	% M/M	10,8	ASTM D5800
Pourpoint	°C	-42	DIN ISO 3016