



# RAVENOL Super Low Emission Truck SAE 15W-40

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**20L | 1123216-020**

**20L | 1123216-B20**

**60L | 1123216-060**

**60L | 1123216-D60**

**208L | 1123216-208**

**208L | 1123216-D28**

**Kategorie:** Truck engine oil

**Artikelnummer:** 1123216

**Viscosity:** 15W-40

**Specification:** ACEA E7, ACEA E9, API CK-4, API SN

**Oil type:** Mineral

**Approvals:** DTFR 15C100 (MB 228.31), Mack EOS-4.5, Renault VI RLD-3, VOLVO VDS-4.5

**Recommendation:** Caterpillar ECF-3, Cummins CES 20081, Cummins CES 20086, Detroit Diesel DDC 93K218, Detroit Diesel DDC 93K222, Deutz DQC III-10 LA, IVECO, JASO DH-2, MAN M 3275, MAN M 3575, MB 228.31, MTU Typ 2.1

**Application:** Truck

**RAVENOL Super Low Emission Truck SAE 15W-40** is an all-year engine oil for diesel engines with or without turbo charging, for trucks, busses and work machines.

**RAVENOL Super Low Emission Truck SAE 15W-40** is a diesel engine oil with high wear protection, which is also suitable for vehicles with exhaust gas recirculation systems.

**RAVENOL Super Low Emission Truck SAE 15W-40** is specially designed for extended oil change intervals (under consideration of the manufacturer instruction).

## Characteristics

- High pressure absorption capacity
- High oxidation stability
- Outstanding temperature stability
- Very good detergent and dispersing properties
- Excellent aging resistance
- High wear protection
- Excellent viscosity-temperature behavior
- Neutrality to seals
- High safety reserves even with boundary lubrication conditions
- Best suitability for difficult operating conditions

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	866,0	EN ISO 12185
Colour		rotbraun	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	15,6	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	116,1	DIN 51562-1
Viscosity Index VI		142	DIN ISO 2909
CCS Viscosity at -20 °C	mPa*s	5.370	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -40 °C	mPa*s	18.400	ASTM D4684
Pourpoint	°C	-39	DIN ISO 3016
Noack Volatility	% M/M	7,8	ASTM D5800
Flashpoint	°C	240	DIN EN ISO 2592
tbn	mg KOH/g	11	ASTM D2896
Sulphated Ash	%wt.	1	DIN 51575

All indicated data are approximate values and are subject to the commercial fluctuations.