



# RAVENOL SDT Super Duty Truck SAE 10W-40



- 1L | 1121120-001
- 5L | 1121120-005
- 10L | 1121120-010
- 20L | 1121120-020
- 20L | 1121120-B20
- 60L | 1121120-060
- 60L | 1121120-D60
- 208L | 1121120-208
- 208L | 1121120-D28
- 1000L | 1121120-700

**Kategorie:** Truck engine oil

**Artikelnummer:** 1121120

**Viscosity:** 10W-40

**Specifications:** ACEA E11, ACEA E6, ACEA E7, ACEA E8, ACEA E9, API CJ-4, API CK-4

**Oil type:** Synthetic

**Approvals:** API CJ-4, API CK-4, Deutz DQC IV-18 LA, DTFR 15C110, DTFR 15C120, Mack EOS-4.5, Renault VI RLD-3, VOLVO VDS-4.5

**Recommendations:** Caterpillar ECF-3, Cummins CES 20086, DAF LKW (für verlängerte Intervalle), Detroit Diesel Corporation (DDC) DFS93K222, IVECO 18-1804 TLS E9, JASO DH-2, MAN M 3477, MB 228.51, MTU Typ 3.1, Scania LowAsh

**Application:** Agricultural machinery, Truck

**RAVENOL SDT Super Duty Truck SAE 10W-40** is a synthetic fuel-saving "low SAPS" truck engine oil formulated using the latest additive technology with very particular base oils. It has been specially developed for diesel engines subjected to the toughest conditions in all seasons. It is extremely well suited to use in EURO 2, EURO 3, EURO 4, EURO 5 and EURO 6 engines in combination with diesel fuel with up to 500 ppm sulphur content.

**RAVENOL SDT Super Duty Truck SAE 10W-40** can be used in modern trucks and "Tier 4" off-road vehicles and was designed as a SHPD engine oil (Super High Performance Diesel) for use in engines with and without a particle filter and catalytic converter and with specific requirements for Low SAPS technology. The product offers low sulphur, phosphorous and ash content.

**RAVENOL SDT Super Duty Truck SAE 10W-40** has particularly high oxidation and shear stability as well as improved air-release properties, allowing it to fulfil and exceed the latest requirements in accordance with API CK-4.

**RAVENOL SDT Super Duty Truck SAE 10W-40** offers reliable cold start performance at low outdoor temperatures and full lubricity at high operating temperatures. This reduces friction loss and wear and tear.

**RAVENOL SDT Super Duty Truck SAE 10W-40** was licensed as the first European engine oil by the API with the specifications API CK-4 and API CJ-4.

The new API CK-4 specification is suitable for both current and older vehicles. It is backward compatible and can also be used for diesel fuels which contain up to 500 ppm of sulphur.

## Application instructions

**RAVENOL SDT Super Duty Truck SAE 10W-40** is a high-performance engine oil which can be used all year round and which has been designed to meet the new exhaust gas emissions guidelines. It has been created for vehicles with exhaust gas recirculation systems. Extended oil change intervals in accordance with manufacturer instructions.

**RAVENOL SDT Super Duty Truck SAE 10W-40** is particularly suitable for use in a mixed fleet including EURO 2, EURO 3, EURO 4, EURO 5 and EURO 6 engines and therefore offers the ideal solution to reducing the range of products needed. Please follow the manufacturer's recommendations!

## Characteristics

- Very stable and excellent viscosity behavior and high shear stability
- Fuel saving under all operating conditions
- Maintains the efficiency of the exhaust gas purification systems over a very long term
- Power losses caused by diesel particulate filters are prevented and a higher efficiency is achieved
- Low evaporation tendency resulting in low oil consumption
- Extended oil change intervals protect natural resources
- An excellent cold start behaviour
- Low SAPS = Low Sulphated ash, Phosphorous and Sulfur
- Can also be used in many commercial vehicles without diesel particulate filters

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	%wt.	0,85	DIN 51575
tbn	mg KOH/g	10,5	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	14,9	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	99,9	DIN 51562-1
Viscosity Index VI		155	DIN ISO 2909
CCS Viscosity at -25 °C	mPa*s	6170	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	859,0	EN ISO 12185
Flashpoint	°C	234	DIN EN ISO 2592
Noack Volatility	% M/M	9,0	ASTM D5800
Pourpoint	°C	-39	DIN ISO 3016