



# RAVENOL UDT Ultra Duty Truck SAE 10W-30



- 1L | 1121110-001
- 5L | 1121110-005
- 10L | 1121110-010
- 20L | 1121110-020
- 20L | 1121110-B20
- 60L | 1121110-060
- 60L | 1121110-D60
- 208L | 1121110-208
- 208L | 1121110-D28

**Kategorie:** Truck engine oil

**Artikelnummer:** 1121110

**Viscosity:** 10W-30

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

**Oil type:** Synthetic

**Approvals:** API CJ-4, API CK-4, DTFR 15C110, Mack EOS-4.5, Renault VI RLD-3, VOLVO VDS-4.5

**Recommendations:** Caterpillar ECF-3, Cummins CES 20081, DAF PSQL 2.1E LD, Detroit Diesel Corporation (DDC) DFS93K218, Deutz DQC IV-18 LA, MB 228.51, MTU Typ 3.1

**Application:** Agricultural machinery, Truck

**RAVENOL UDT Ultra Duty Truck SAE 10W-30** 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 UDT Ultra Duty Truck SAE 10W-30** 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 UDT Ultra Duty Truck SAE 10W-30** 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 UDT Ultra Duty Truck SAE 10W-30** 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 UDT Ultra Duty Truck SAE 10W-30** 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 UDT Ultra Duty Truck SAE 10W-30** 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 UDT Ultra Duty Truck SAE 10W-30** 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 savings under all operating conditions
- Maintains the effectiveness of exhaust gas purification systems over a very long service life
- Prevents power losses due to clogged diesel particulate filters, resulting in higher efficiency
- Low evaporation tendency, thus lower oil consumption
- Extended oil change intervals protect natural resources
- Excellent cold-start properties
- Low SAPS = Low sulfated ash, phosphorus, and sulfur
- Can be used in many commercial vehicles, including vehicles without diesel particulate filters

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	%wt.	0,94	DIN 51575
tdn	mg KOH/g	10,6	ASTM D2896
Viscosity at 100 °C	mm <sup>2</sup> /s	12,2	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	81,5	DIN 51562-1
Viscosity Index VI		145	DIN ISO 2909
CCS Viscosity at -25 °C	mPa*s	5300	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	859,0	EN ISO 12185
Flashpoint	°C	240	DIN EN ISO 2592
Noack Volatility	% M/M	9,1	ASTM D5800
Pourpoint	°C	-39	DIN ISO 3016