



# RAVENOL NDT Nord Duty Truck SAE 5W-40



1L | 1122103-001  
5L | 1122103-005  
10L | 1122103-010  
20L | 1122103-020  
20L | 1122103-B20  
60L | 1122103-060  
208L | 1122103-208  
1000L | 1122103-700

**Kategorie:** Truck engine oil

**Artikelnummer:** 1122103

**Viscosity:** 5W-40

**Specification:** ACEA E7, ACEA E9, API CJ-4, API SM

**Oil type:** Full synthetic

**Approvals:** API CJ-4, API SM, Cummins CES 20081, Detroit Diesel Corporation (DDC) DFS93K218

**Recommendation:** Chrysler MS-10902, Detroit Diesel DDC 93K214, Detroit Diesel DDC 93K215, DTFR 15C100 (MB 228.31), Ford WSS-M2C171-E, Mack EO-O PP (Premium Plus), MTU Typ 2, Renault VI RLD-3, VOLVO VDS-4

**Application:** Truck

**RAVENOL NDT Nord Duty Truck SAE 5W-40** is a full synthetic all-season multi-grade engine oil based on PAO, which is used in heavy-duty diesel engines of commercial vehicles, pick-ups and SUVs.

**RAVENOL NDT Nord Duty Truck SAE 5W-40** can be used in new low-emission engines with exhaust gas after-treatment.

**RAVENOL NDT Nord Duty Truck SAE 5W-40** delivers reduced friction, wear and fuel consumption and ensures extended oil change intervals up to 80.000 km in turbo-diesel engines.

**RAVENOL NDT Nord Duty Truck SAE 5W-40** improves engine performance, reliability and cleanness thanks to active agents that retain excellent viscosity.

## Application Note

**RAVENOL NDT Nord Duty Truck SAE 5W-40** is used in the viscosity grade SAE 5W-40 by engine manufacturers as an all-season, multi-grade engine oil in heavy duty diesel engines of commercial vehicles with exhaust gas after-treatment.

**RAVENOL NDT Nord Duty Truck SAE 5W-4** is the preferred recommendation of manufacturers for turbo diesel engines due to the extended oil change intervals up to 80.000 km.

## Characteristics

- an extremely high pressure absorption
- very high oxidation stability
- an excellent aging resistance
- outstanding viscosity temperature characteristics
- high safety reserves also under marginal lubricating conditions
- suitable for extended oil change intervals
- ideally suited for demanding operating conditions

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	849,0	EN ISO 12185
Colour		braun	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	14,45	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	89,7	DIN 51562-1
Viscosity Index VI		167	DIN ISO 2909
HTHS Viscosity at 150 °C	mPa*s	3,87	ASTM D5481
CCS Viscosity at -30 °C	mPa*s	4957	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	20.200	ASTM D4684
Pourpoint	°C	-51	DIN ISO 3016
Noack Volatility	% M/M	8,9	ASTM D5800
Flashpoint	°C	234	DIN EN ISO 2592
tbn	mg KOH/g	10,1	ASTM D2896
Sulphated Ash	%wt.	0,91	DIN 51575

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