



RAVENOL NDT Nord Duty Truck SAE 5W-40



VISCOSITY 5W-40

SPECIFICATIONS API CJ-4 | API SM | ACEA E7 | ACEA E9

FABRICATION FULLY SYNTHETIC

APPROVALS MB-APPROVAL 228.31 | VOLVO VDS-4 | MACK EO-O PREMIUM PLUS | RENAULT VI RLD-3 | CUMMINS CES 20081 | DETROIT DIESEL CORPORATION (DDC) DFS93K218 | LICENSE: API CJ-4/SM

RECOMMENDATIONS MTU TYPE 2 | DD93K215 | DD93K214 | FORD WSS-M2C171-E | CHRYSLER MS-10902

ART.-NR. 1122103

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

RAVENOL NDT Nord Duty Truck SAE 5W-40 is an fully 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 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 Notes

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 in heavy duty diesel engines of commercial vehicles with exhaust gas after-treatment.

RAVENOL NDT Nord Duty Truck SAE 5W-40 is the preferred recommendation of manufacturers for turbo diesel engines due to the extended oil change intervals.

Characteristics

RAVENOL NDT Nord Duty Truck SAE 5W-40 offers:

- 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



Property	Unit	Data	Audit
Density at 20°C	kg/m ³	849	EN ISO 12185
Colour		braun	visual
Viscosity at 100°C	mm ² /s	14,45	DIN 51 562
Viscosity at 40°C	mm ² /s	89,7	DIN 51 562
Viscosity index VI		167	DIN ISO 2909
HTHS at 150°C	mPa*s	3,87	CEC L-036-90
CCS Viscosity at -30°C	mPa*s	4957	ASTM D5293
Low Temp. Pumping viscosity (MRV)	mPa*s	20.200	ASTM D 4684
Pourpoint	°C	- 51	DIN ISO 3016
Noack Volatility	% M/M	8,9	ASTM D5800/b
Flash point (COC)	°C	234	DIN ISO 2592
TBN	mg KOH/g	10,1	ASTM D2896
Sulphated ash	%wt.	0,91	DIN 51 575

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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