



RAVENOL NDT Nord Duty Truck SAE 5W-40

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 cleanliness 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 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.

Quality Classifications

RAVENOL NDT Nord Duty Truck SAE 5W-40 is tried and tested is for aggregates specifying:

Specifications

API CJ-4/SM, ACEA E9, ACEA E7, Lizensiert: API CJ-4/SM

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

Practice and tested in aggregates with filling

MTU Type 2, DD93K215, DD93K214, Chrysler MS-10902, Ford WSS-M2C171-E

Characteristic

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

Characteristics	Unit	Data	Audit
Colour		brown	visual
Density at 20°C	kg/m ³	851	EN ISO 12185
Viscosity at 40°C	mm ² /s	89,7	DIN 51 562
Viscosity at 100°C	mm ² /s	14,45	DIN 51 562
Viscosity index VI		167	DIN ISO 2909
CCS Viscosity at -30°C	mPa*s	4957	DIN 51377
Low Temp. Pumping viscosity (MRV)	mPa*s	14.800	ASTM D 4684
Pourpoint	°C	- 51	DIN ISO 3016
Noack Volatility	%	8,1	ASTM D5800/b
Flash point (COC)	°C	234	DIN ISO 2592
TBN	mg KOH/g	10,1	DIN ISO 3771
Sulphated ash	%wt.	1,11	DIN 51 575
HTHS at 150°C	mP?*s	3,98	CEC L-036-90

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

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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