



## RAVENOL Performance Truck SAE 10W-40

RAVENOL Performance Truck SAE 10W-40 is semi-synthetic multi-grade diesel engine oil for highly loaded diesel engines based on MC-systems.

RAVENOL Performance Truck SAE 10W-40 is low-friction long-life engine oil for all kind of diesel engines with and without turbocharging in trucks, buses and machinery. Suitable for the longest oil change intervals.

### Application Notes

RAVENOL Performance Truck SAE 10W-40 has a higher performance than conventional high-performance engine oils. International such oils are called UHPD oils (UHPD = Ultra High Performance Diesel Oil). Regardless of the particular mileage, older diesel engines on RAVENOL Performance Truck SAE 10W-40 should be changed without rinsing.

### Quality Classifications

RAVENOL Performance Truck SAE 10W-40 is approved, tried and tested for aggregates specifying:

### Specifications

ACEA E4/E7, ACEA A3/B4, API CI-4/CF

### Approvals

MB-Approval 228.5, MAN M 3277, MTU Typ 3, Renault RVI RXD/RLD-2, TEDOM 258-4 (61-0-0258), Volvo VDS 3, DEUTZ DQC III-10, SCANIA LDF-2, Lizensiert: API CI-4

### Practice and tested in aggregates with filling

DAF HP1/2, SCANIA LDF-3, MACK EO-M Plus, Cummins CES 20076, 20077, 20078, JASO DH-1 (JASO M355:2000), Voith Retarder B, Global DHD-1

### Characteristic

RAVENOL Performance Truck SAE 10W-40 offers:

- High wear protection even under constant load at full throttle
- Reduced fuel consumption by low-friction characteristics
- Quick oil circulation reduces cold-start and warm-up wear
- Protection against bore polishing of cylinder paths
- Reduction of exhaust particles
- Protects against corrosion, even when using diesel fuels with high sulfur content
- Safe protection against deposits and sticking, both under extreme thermal loads and short haul
- Optimum compatibility with seal materials
- Environmentally friendly due longest oil change intervals and low evaporation losses
- Guaranteed extended drain intervals for the long-haul truck or transport

Characteristics	Unit	Data	Audit
Colour		dark brown	visual
Density at 20°C	kg/m <sup>3</sup>	864	EN ISO 12185
Viscosity at 40°C	mm <sup>2</sup> /s	89,4	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	13,51	DIN 51 562
Viscosity index VI		153	DIN ISO 2909
Flash point (COC)	°C	228	DIN ISO 2592
Pourpoint	°C	-33	DIN ISO 3016
TBN	mg KOH/g	13,2	DIN ISO 3771
Sulphated ash	%wt.	1,5	DIN 51 575

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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Ravensberger Schmierstoffvertrieb GmbH

Postfach 1163

33819 Werther

Tel.: 05203/9719-0

Fax.: 052039719-40 / 41