



TRANSPRO 45 - SAE 10W-40

Synthetic oil for diesel engines

USES

Designed for the lubrication of high performance diesel engines of heavy-duty equipment (lorries, construction equipment, gensets, agricultural equipment, etc.).

Particularly recommended for low-emission vehicles (from Euro 3, Tier 3 onwards), including those with EGR and/or SCR (AdBlue fluid) technology without particulate filter.

Approvals: MAN M 3277

Specifications: ACEA E4, ACEA E7, API CF

LDF-3/LDF-2 confirmed by Scania

Deutz DQC III-10, MB 228.5, MTU Type 3, Renault Truck RXD et RLD-2, Volvo VDS-3, Voith Retarder Category A (MB 235.27)

MAIN PHYSICAL DATA

		Methods	Units	10W40
Density at	20°C	ASTM D4052	kg/m ³	865
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	88
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	13.4
Viscosity index		ASTM D2270		156
Pour point		ASTM D97	°C	-36
Cleveland Open Cup Flash Point		ASTM D92	°C	222
Dynamic viscosity at	-25°C	ASTM D5293	mPa·s	6500
HTHS viscosity		CEC L-036-90	mPa·s	3.7
Sulphated ash		ASTM D874	% mass	1.9
Total Base Number (TBN)		ASTM D2896	mgKOH/g	16

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

- ▶ Synthetic formula for enhanced resistance in service,
- ▶ Very good thermal and mechanical stability,
- ▶ Excellent detergent property (T.B.N.) compatible with diesel high in sulphur contents (over 0.5%)
- ▶ Excellent protection against oxidation for optimal performance in service,
- ▶ Improved oil flow upon start-up,
- ▶ Cuts fuel consumption due to reduced friction,
- ▶ Extended oil change intervals of up to 120,000km, depending on the service conditions, the quality of the fuel and the OEM recommendations.



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