



# TRANSPRO 40 – SAE 15W-40

Mineral oil for diesel engines

## USES

Mineral oil developed to meet the strict technical requirements of Euro 5 & Euro 6 or Tier 4 & Tier 3 low-emission diesel engines without DPF and using SCR technology (AdBlue).

Suitable for most supercharged and naturally aspirated diesel engines which run on high or low sulphur fuel: lorries, construction & agricultural equipment, stationary engines, generators, marine engines, etc.

It is also suitable for gasoline engines in mixed fleets of vehicles where the manufacturer recommends the use of **API SL** or **ACEA A3/B4**, **ACEA/B3 SAE 15W-40** oil.

## Specifications:

ACEA E7; ACEA A3/B4; API CI-4/SL; JASO DH-1; GLOBAL DHD-1; Volvo VDS-3; Renault Truck RLD-2; Mack EO-N/ EO-M Plus; Man M 3275; MB 228.3; M.T.U. Type 2; Cummins CES 20078/20077; Detroit Diesel 93K215; Caterpillar ECF-2/ECF-1a; Deutz DQC III-10

## MAIN PHYSICAL DATA

		Methods	Units	15W-40
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	878
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	98
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	14
Viscosity index		ASTM D2270		146
Pour point		ASTM D97	°C	-33
Cleveland Open Cup Flash Point		ASTM D92	°C	212
Dynamic viscosity at	-20°C	ASTM D5293	mPa·s	6000
HTHS viscosity		CEC L-036-90	mPa·s	3.7
Sulphated ash		ASTM D874	% mass	1.37
Total Base Number (TBN)		ASTM D2896	mgKOH/g	11

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

## PROPERTIES & ADVANTAGES

- ▶ Excellent dispersant/detergent properties.
- ▶ Outstanding protection against wear and corrosion.
- ▶ Increased shear resistance ensures stable oil viscosity in service.
- ▶ Allows for extended oil change intervals of up to 60,000km or more, depending on the manufacturer's recommendations, the service conditions and the quality of the fuel used.
- ▶ Keeps the engine clean and free from sludge and deposits.
- ▶ Increased protection against bore polishing in diesel engines.



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