



# TRANSPRO 25 - SAE 20W-50

Mineral oil for diesel and gasoline engines

## USES

Mineral SHPD oil developed to meet the technical requirements of Euro 5 & 6 and Tier 4 & Tier 3 low-emission diesel engines which use EGR/SCR technology (AdBlue), where the use of SAE 20W-50 ACEA E7 or API CI-4 oil is specified by the manufacturer. It can also be used with older diesel engines, including those which are turbocharged. TRANSPRO 25 is recommended for various types of engines and uses: transport, construction equipment, agricultural equipment, stationary engines, generators, marine engines, etc. It is also suitable for gasoline and diesel engines in light vehicles where the manufacturer recommends the use of **API SL/CF or ACEA A3/B3 SAE 20W-50 oil**.

**Specifications:** ACEA E7 and ACEA A3/B3; API CI-4/CH-4/SL MB 228.3/MB 229.1; MAN M 3275; MACK EO-M Plus RENAULT RLD-2; VOLVO VDS-3; CUMMINS CES 20076/20077

## MAIN PHYSICAL DATA

		Methods	Units	20W-50
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	875
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	160
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	19.8
Viscosity index		ASTM D2270		143
Pour point		ASTM D97	°C	-30
Cleveland Open Cup Flash Point		ASTM D92	°C	224
Dynamic viscosity at	-15°C	ASTM D5293	mPa·s	6000
HTHS viscosity		CEC L-036-90	mPa·s	4.5
Sulphated ash		ASTM D874	% mass	1.15
Total Base Number (TBN)		ASTM D2896	mgKOH/g	10

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

## PROPERTIES & ADVANTAGES

- ▶ The SAE 50 viscosity grade formula provides excellent engine protection at high temperatures and is ideal for use in hot climates.
- ▶ Low volatility for reduced oil consumption.
- ▶ Good dispersing/detergent properties keep the engine clean and free from sludge and deposits, even when running on high sulphur diesel.
- ▶ Increased protection against bore polishing in diesel engines.
- ▶ High thermal and mechanical stability provide excellent lubrication in service.



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