



VX 100 - SAE 20W-50

Mixed fleet mineral oil for gasoline and diesel engines

USES

Specifically designed for turbocharged and naturally aspirated gasoline and diesel engines, used under any service conditions, including roads, motorways and urban traffic.

Provides excellent lubrication and protection for engines in hot climates. Suitable for passenger cars, light commercial vehicles (vans, pick-ups, taxis...), and heavy duty commercial vehicles (trucks, buses, public works and agricultural equipment), according to OEM specifications. Compatible with catalytic converters.

Specifications:

ACEA A3/B3; API SL/CF; Caterpillar ECF 2 / ECF 1a
ACEA E7; API CI-4; MB 228.3/229.1; MAN M3275; Volvo VDS-3;
Renault RLD-2; Mack EO-M PLUS; Cummins CES 20077/20076

MAIN PHYSICAL DATA

		Methods	Units	20W-50
Density at	20°C	ASTM D4052	kg/m ³	878
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	160
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	19.5
Viscosity index		ASTM D2270		140
Pour point		ASTM D97	°C	-30
Cleveland Open Cup Flash Point		ASTM D92	°C	225
Dynamic viscosity at	-15°C	ASTM D5293	mPa·s	6000
HTHS viscosity (150°C)		CEC L-036-90	mPa·s	4.6
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

- ▶ Outstanding anti-wear performance.
- ▶ SAE 50 grade viscosity provides enhanced performance at high temperatures.
- ▶ Good detergent/ dispersant properties keep the engine clean.
- ▶ Extends the engine's service life.
- ▶ Low volatility means reduced oil consumption.
- ▶ SAE 20W-50 grade viscosity reduces oil consumption and improves oil pressure in old or high mileage engines.
- ▶ Suitable for mixed fleets (passenger cars and heavy duty vehicles)

