



# VX 100 - SAE 15W-40

Mixed-fleet mineral oil for *gasoline and diesel* engines in passenger cars and trucks.

## USES

Designed for use in all kinds of daily driving conditions, including roads, motorways, urban traffic, etc.

Provides excellent lubrication and year-round protection for turbocharged and naturally aspirated gasoline and diesel engines. Suitable in mixed fleets of vehicles, according to manufacturer recommendation..

Compatible with catalytic converters.

## Specifications:

ACEA A3/ B4; 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

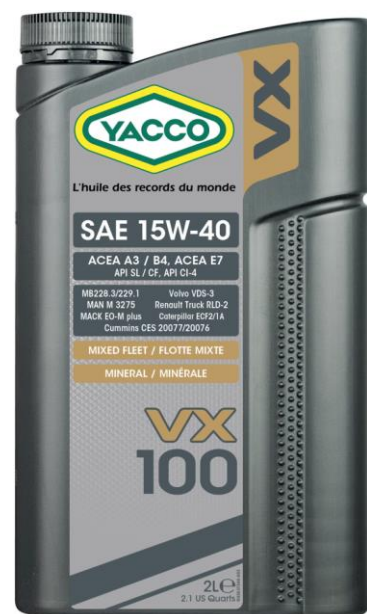
## MAIN PHYSICAL DATA

		Methods	Units	15W-40
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	871
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	102
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	14.5
Viscosity index		ASTM D2270		143
Pour point		ASTM D97	°C	-33
Cleveland Open Cup Flash Point		ASTM D92	°C	220
Dynamic viscosity at	-20°C	ASTM D5293	mPa·s	6200
HTHS viscosity (150 °C)		CEC L-036-90	mPa·s	3.8
Sulphated ash		ASTM D874	% mass	1.36
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

- ▶ SAE 15W-40 grade viscosity is recommended for year-round lubrication.
- ▶ Outstanding anti-wear properties which exceed ACEA A3/B4 and API SL/CF requirements.
- ▶ Excellent detergent/dispersant properties keep gasoline and diesel engines clean.
- ▶ Outstanding oxidation resistance means excellent lubrication until the next oil change.
- ▶ Reduces friction and extends the service life of the engine.



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