



# CARRUS TD 10W-40

CARRUS TD 10W40 is a high quality (UHPD), semi-synthetic, multigrade oil that offers a significant reduction in particulate emissions, resulting in optimal environmental protection. The additive technology ensures maximum oil change intervals and long engine life.

## PERFORMANCE LEVEL

- API: CI-4/SL
- ACEA: E7
- CATERPILLAR: ECF-2/ECF-1-a
- CUMMINS: CES 20078/ 77/ 76/ 72/ 71
- DEUTZ: DQC III-10
- MACK: EO-N
- MAN: M 3275-1
- MB: 228.3
- MTU Oil Category 2
- RENAULT: VI RLD-2
- VOLVO: VDS-3

## APPLICATIONS

**CARRUS TD 10W-40** is suitable for use in mixed fleets of vehicles designed to meet strict exhaust emission limits, EURO I, II, III, IV and V, without diesel particulate filter. It is also suitable for passenger cars and commercial vehicles, petrol and diesel engines, including turbine engines, in accordance with the instructions in the vehicle technical book.

## CHARACTERISTICS

Test	Unit	Method	Average value
Density at 15°C	kg/m <sup>3</sup>	ASTM D 7042	873,0
Kinematic viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D 7042	100,0
Kinematic viscosity at 100 °C	mm <sup>2</sup> /s	ASTM D 7042	15,0
Viscosity index		ASTM D 7042/ SR ISO 2909	157
TBN	mgKOH/g	ASTM D 2896	11,0
Sulphated ash	%	ASTM D 874/ SR ISO 3987+C1	1,2
Apparent viscosity, CCS at -25°C	mPa.s	ASTM D 5293	6560
Apparent viscosity, MRV at -30°C	mPa.s	ASTM D 4684	36100
Pour point	°C	ASTM D 97/ SR 13552	-35

## PACKAGING

