

# Caprano TDK FE 10W-30

## Diesel engine oil

### KEY DATA



Synthetic Low SAPS lubricant with Fuel Economy technology for diesel engines in marine.

#### INTERNATIONAL STANDARDS

- 🔥 ACEA E7, E9, E11
- 🔥 API CK-4

#### MANUFACTURER APPROVALS

- 🔥 Cummins CES 20086
- 🔥 Volvo VDS-4.5
- 🔥 MAN M 3775
- 🔥 MTU Oil Category 2.1

#### MEETS THE REQUIREMENTS OF

- 🔥 CATERPILLAR ECF-3/ECF-2/ECF-1-a

### APPLICATIONS

Caprano TDK FE 10W-30 is a **high-performance lubricant** used in **latest generations of industrial Diesel engines**.

With its "Low SAPS" (low sulphated ash, phosphorus and sulphur) technology, Caprano TDK FE 10W-30 is **specifically adapted to the latest generation of Diesel engines equipped with post-treatment systems, such as Diesel particulate filters (DPFs)**.

It is also suitable for the latest generation Diesel engines requesting an API CK-4 level and for engines with selective catalytic reduction systems.

### PERFORMANCES & CUSTOMERS BENEFITS

- 🔥 Its FUEL ECONOMY technology helps save up to 5% fuel, compared to an SAE 40 grade reference lubricant.
- 🔥 High quality base stocks combined with high-performance additives make Caprano TDK FE 10W-30 an exceptional technical performances lubricant and sustainable over time.
- 🔥 Advanced additives keep the engine's most sensitive parts clean thanks to detergent, dispersant and anti-wear properties, added to effective control of soot, sludge and deposits.
- 🔥 The "Low-SAPS formulation of Caprano TDK FE 10W-30 improves the post-treatment system durability, preventing the clogging of the Diesel particulate filter (DPF).

## CHARACTERISTICS \*

TEST	UNIT	TEST METHOD	RESULT
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	0
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	82.61
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	12.19
Viscosity index	-	ASTM D2270	143
Pour point	°C	ASTM D97	-36
T.B.N	mgKOH/g	ASTM D2896	10
Sulphated Ash	% m/m	ASTM D874	0.99

\*The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

## RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

## HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.

