

# Tractagri HDZ FE 10W-30

## Engine oil

### KEY DATA



Low-SAPS engine oil with Fuel Economy technology for Agricultural Machinery.

#### INTERNATIONAL STANDARDS

- 🔥 ACEA E7, E9, E11
- 🔥 API CK-4

#### MANUFACTURER APPROVALS

- 🔥 Cummins CES 20086
- 🔥 Deutz DQC III-18 LA
- 🔥 DTFR 15C100 (228.31)
- 🔥 Volvo VDS-4.5
- 🔥 MAN M 3775

#### MEETS THE REQUIREMENTS OF

- 🔥 Caterpillar ECF-3/ECF-2/ECF-1-a

#### SUITABLE FOR

- 🔥 CASE, NEW-HOLLAND, CLAAS, FENDT, SAME,
- 🔥 MASSEY FERGUSON, Mc CORMICK, VALTRA...
- 🔥 Suitable when the following specifications are recommended:
- 🔥 John Deere JDQ 78X

## APPLICATIONS

Tractagri HDZ FE 10W-30 has been especially developed for agricultural Diesel engines that meet European standard Stage V and American standard EPA Tier 4 final or lower emission standards. It is also suitable for the latest generation Diesel engines requesting an API CK-4 level.

Thanks to its "low-SAPS" (low Sulphated Ash, Phosphorus and Sulphur) technology, Tractagri HDZ FE 10W-30 is designed for the latest Diesel engines equipped with post-treatment systems, such as Diesel particulate filters (DPF).

Tractagri HDZ FE 10W-30 is recommended, throughout the year, for engines of tractors, harvesters and other agricultural equipments. This lubricant is adapted to all engines of old or recent generation regardless to any brands or types.

## PERFORMANCES & CUSTOMERS BENEFITS

- 🔥 Its FUEL ECONOMY technology helps save up to 4% fuel, compared to an SAE 40 grade reference lubricant. This value can reach up to 6% if used in combination with Fuel Economy transmission lubricant DYNATRANS VZ FE.
- 🔥 Tractagri HDZ FE 10W-30 exhibits excellent thermal stability ensuring efficient lubrication of hot engine parts during severe and long working periods, even in summer.
- 🔥 The advanced "low-SAPS" formulation of Tractagri HDZ FE 10W-30 helps prevent the clogging of the Diesel particulate filter (DPF) and extends the post-treatment system durability.

## CHARACTERISTICS\*

TEST	UNIT	TEST METHOD	RESULT
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	869.2
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	12.1
Viscosity index	-	ASTM D2270	143
Pour point	°C	ASTM D97	-36
Sulphated Ash	°C	ASTM D874ASTM D97	0.99
T.B.N	mgKOH/g	ASTM D2896	10

\* 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.

