

# TRACTAGRI HDZ FE 10W-30

Engine oil

## KEY DATA



- ✓ AGRICULTURE
- ✓ ENGINE OIL
- ✓ FUEL ECONOMY
- ✓ LOW SAPS

## SPECIFICATIONS AND APPROVALS

### International Specifications:

ACEA E9, E7, E5  
API CK-4/CJ-4/CI-4 plus/CI-4

### Manufacturers' Approvals:

- ✓ Cummins CES 20086
- ✓ Deutz DQC III-10 LA
- ✓ MB-Approval 228.31
- ✓ Volvo VDS-4.5 approval

### Suitable for the engines of the following machines:

CASE, NEW-HOLLAND, CLAAS, FENDT, SAME,  
MASSEY-FERGUSON, Mc CORMICK, VALTRA...

### Meets the requirements of:

- ✓ Caterpillar ECF-3/ECF-2/ECF-1a
- ✓ CNH MAT 3521

### Suitable when the following specifications are recommended:

- ✓ John Deere JDQ 78X

## APPLICATIONS

TOTAL 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, TOTAL TRACTAGRI HDZ FE 10W-30 is designed for the latest Diesel engines equipped with **post-treatment systems**, such as Diesel particulate filters (DPF).

TOTAL 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 AND CUSTOMER 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 TOTAL DYNATRANS VX FE.

TOTAL 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 TOTAL TRACTAGRI HDZ FE 10W-30 helps prevent the clogging of the Diesel particulate filter (DPF) and extends the post-treatment system durability.

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## PHYSICAL AND CHEMICAL 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
T.B.N	mgKOH/g	ASTM D2896	10
Sulphated Ash	% m/m	ASTM D874	0.99

\* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

## RECOMMENDATIONS FOR USE

Before using the product, the equipment'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. This can be obtained on request from your local reseller and is available for consultation at <http://sdstotalms.total.com>.

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