



# TRACTAGRI HDZ 10W-40



**“Low-SAPS” lubricant** especially developed for engines used in **tractors** and **agricultural equipments**, with or without **Diesel particulate filters**.

## SPECIFICATIONS AND APPROVALS

International specifications	ACEA E9/E7/E5	API CJ-4/CI-4 plus/CI-4/SM
<b>Manufacturers' approvals</b> <ul style="list-style-type: none"> <li>✓ Cummins CES 20081</li> <li>✓ Deutz DQC III-10 LA</li> <li>✓ MB-Approval 228.31</li> </ul>	<b>Meets the requirements of</b> <ul style="list-style-type: none"> <li>✓ Caterpillar ECF-3/ECF-2/ECF-1a</li> <li>✓ CNH MAT 3521</li> </ul>	<b>Suitable when the following specifications are recommended</b> <ul style="list-style-type: none"> <li>✓ John Deere JDQ 78X</li> </ul>
<b>Suitable for the following engines</b> <ul style="list-style-type: none"> <li>✓ CASE, NEW-HOLLAND, CLAAS, FENDT, MASSEY-FERGUSON, Mc CORMICK, SAME, VALTRA...</li> </ul>		

## APPLICATIONS

TOTAL TRACTAGRI HDZ 10W-40 has been especially developed for **agricultural Diesel engines** that meet **European standard Stage IV** and **American standard EPA Tier 4 final** or lower emission standards.

Thanks to its **“low-SAPS”** (low Sulphated Ash, Phosphorus and Sulphur) technology, TOTAL TRACTAGRI HDZ 10W-40 is designed for the latest Diesel engines equipped with **post-treatment systems**, such as Diesel particulate filters (DPF).

TOTAL TRACTAGRI HDZ 10W-40 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

TOTAL TRACTAGRI HDZ 10W-40 exhibits **excellent thermal stability** ensuring efficient lubrication of hot engine parts during severe and long working periods, even in summer.

Its **high viscosity** resists to high pressure between engine pieces and supports an eventual fuel dilution.

The advanced **“low-SAPS”** formulation of TOTAL TRACTAGRI HDZ 10W-40 helps prevent the clogging of the Diesel particulate filter (DPF) and extends the post-treatment system durability.

## PHYSICAL AND CHEMICAL CHARACTERISTICS\*

TOTAL TRACTAGRI HDZ 10W-40		Method	Value
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	868
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	109
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	15.5
Viscosity Index	-	ASTM D2270	150
Pour Point	°C	ASTM D97	-36
T.B.N	mgKOH/g	ASTM D2896	10.5
Sulphated Ash	% m/m	ASTM D874	1

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

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**TOTAL TRACTAGRI HDZ 10W-40**  
Update 06/2015  
[www.lubricants.total.com](http://www.lubricants.total.com)



This lubricant does not cause adverse health effects when used in the intended application.  
A safety datasheet is accessible on request from your local dealer or on the website [www.quickfds.com](http://www.quickfds.com)