



TRACTAGRI HDZ 10W-40



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

SPECIFICATIONS AND APPROVALS

International specifications	ACEA E9/E7/E5	API CK-4/CJ-4/CI-4 plus/CI-4/SN
Manufacturers' approvals <ul style="list-style-type: none"> ✓ Cummins CES 20086 ✓ Deutz DQC III-10 LA ✓ MB-Approval 228.31 ✓ Volvo VDS-4.5 approval 	Meets the requirements of <ul style="list-style-type: none"> ✓ Caterpillar ECF-3/ECF-2/ECF-1a ✓ FPT-Iveco TLS E9 ✓ CNH MAT 3521 	
Suitable for the engines of the following machines: CASE, NEW-HOLLAND, CLAAS, FENDT, MASSEY-FERGUSON, Mc CORMICK, SAME, VALTRA...	Suitable when the following specifications are recommended <ul style="list-style-type: none"> ✓ John Deere JDQ 78X 	

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 ³	ASTM D1298	868
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	106
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	15.3
Viscosity Index	-	ASTM D2270	151
Pour Point	°C	ASTM D97	-36
T.B.N	mgKOH/g	ASTM D2896	11
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
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This lubricant does not cause adverse health effects when used in the intended applications.
 A safety datasheet is accessible on request from your local dealer or on the website www.quickdsds.com