



TRACTAGRI HDX FE 15W-30



Very high performance lubricant for tractors and agricultural machines engines with Fuel Economy technology.

SPECIFICATIONS AND APPROVALS

International specifications	ACEA E7/E5	API CI-4/SL
Manufacturers' approvals <ul style="list-style-type: none"> ✓ Cummins CES 20078/20077 ✓ Deutz DQC III-10 ✓ MB-Approval 228.3 		Meets the requirements of <ul style="list-style-type: none"> ✓ Caterpillar ECF-2 ✓ Case MS 1121 ✓ CNH MAT 3507 ✓ New Holland NH 324H/NH 330H
Suitable for the following engines FENDT, MASSEY-FERGUSON, PERKINS, SAME, SISU, VALTRA...		Suitable when the following specifications are recommended <ul style="list-style-type: none"> ✓ John Deere JDQ 78A

APPLICATIONS

TOTAL TRACTAGRI HDX FE 15W-30 has been especially developed for **agricultural engines** that meet **European standard Stage IIIA (2006)** and **American standard EPA Tier 3**. This lubricant is also suitable in **all tractor Diesel engines**, without pollution control or meeting Tier 1 (1999) and Tier 2 (2002) emission standards.

TOTAL TRACTAGRI HDX FE 15W-30 is suitable for all agricultural **Diesel engines**, turbocharged or naturally aspirated and also service **vehicle gasoline engines**.

It is specially adapted to engines used in **severe conditions** as in **harvesting equipments** and **soil preparation machines**.

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 HDX FE 15W-30 has excellent **shear strength** ensuring effective engine lubrication.

Its **detergent and dispersant properties** keep the **engine clean** and reduce oil thickening. Its **anti-wear and anti-corrosion additives** ensure **greater engine longevity** and efficient protection.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL TRACTAGRI HDX FE 15W-30	Method	Value
Density at 15°C	kg/m ³	ASTM D1298 883
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445 91
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445 12.5
Viscosity Index	-	ASTM D2270 133
Pour Point	°C	ASTM D97 -30
T.B.N	mgKOH/g	ASTM D2896 10
Sulphated Ash	% m/m	ASTM D874 1.5

* 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 HDX FE 15W-30
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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