



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

## 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 <sup>3</sup>	ASTM D1298 883
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445 91
Kinematic Viscosity at 100°C	mm <sup>2</sup> /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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[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)