



# TRACTAGRI HDX SYN FE 10W-30



Synthetic lubricant with very high performance for tractors and agricultural machines engine, with Fuel Economy technology.

## SPECIFICATIONS AND APPROVALS

<b>International specifications</b>	ACEA E4/E7/E5
<b>Manufacturers' approvals</b>	<b>Suitable for the following engines</b>
<ul style="list-style-type: none"> <li>✓ Deutz DQC III-10</li> <li>✓ MB-Approval 228.5</li> </ul>	CASE, NEW-HOLLAND, CLAAS, DEERE, FENDT, MASSEY-FERGUSON, SAME, VALTRA...

## APPLICATIONS

TOTAL TRACTAGRI HDX SYN FE 10W-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 SYN FE 10W-30 is suitable for all agricultural **Diesel engines**, turbocharged or naturally aspirated.

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 SYN FE 10W-30 exhibits a **very high T.B.N level** (16 mgKOH/g) to prevent corrosive attacks from acid compounds. Therefore it withstands **very long working periods** under high temperature and high load without compromising material durability.

TOTAL TRACTAGRI HDX SYN FE 10W-30 has also **excellent shear strength** ensuring effective engine lubrication.

## PHYSICAL AND CHEMICAL CHARACTERISTICS\*

TOTAL TRACTAGRI HDX SYN FE 10W-30	Method	Value
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298 867
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445 84.4
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445 12.9
Viscosity Index	-	ASTM D2270 152
Pour Point	°C	ASTM D97 -45
T.B.N	mgKOH/g	ASTM D2896 16
Sulphated Ash	% m/m	ASTM D874 1.91

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

TOTAL LUBRIFIANTS  
562, avenue du Parc de l'Île  
92029 Nanterre cedex  
FRANCE

TOTAL TRACTAGRI HDX SYN FE 10W-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)