



TRACTAGRI HDX 15W-40



High performance lubricant designed for turbocharged or naturally aspirated engines used in tractors and agricultural machines.

SPECIFICATIONS AND APPROVALS

International specifications	ACEA E7/E5 A3/B3, A3/B4	API CI-4/CH-4/SL
Manufacturers' approvals ✓ Cummins CES 20078/20077/20076 ✓ Deutz DQC III-10 ✓ MB-Approval 228.3	Meets the requirements of ✓ Caterpillar ECF-2/ECF-1a ✓ Case MS 1121 ✓ FPT-Iveco T2 E7 ✓ CNH MAT 3507 ✓ New Holland NH 330H	
Suitable for the engines of the following machines: ✓ FENDT, MASSEY-FERGUSON, PERKINS, SAME, SISU, VALTRA...	Suitable when the following specifications are recommended ✓ John Deere JDQ 78A	

APPLICATIONS

TOTAL TRACTAGRI HDX 15W-40 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 15W-40 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

TOTAL TRACTAGRI HDX 15W-40 has **high thermal stability** ensuring efficient lubrication of hot engine pieces during severe and long working periods, especially in summer.

Its **excellent oxidation resistance** guarantees proper lubrication during the oil life, particularly in recent engines with longer oil drain intervals.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL TRACTAGRI HDX 15W-40	Method	Value
Density at 15 °C	kg/m ³	ASTM D1298 887
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445 100
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445 13.8
Viscosity Index	-	ASTM D2270 139
Pour Point	°C	ASTM D97 -30
T.B.N	mgKOH/g	ASTM D2896 11
Sulphated Ash	% m/m	ASTM D874 1.45

* 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 15W-40
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www.lubricants.total.com



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.quickfds.com