



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
- ✓ MAN M 3275

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	878
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	115
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	15.2
Viscosity Index	-	ASTM D2270	138
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.

TOTAL LUBRIFIANTS

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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.quickds.com