TRACTAGRI HDX 15W-40

Engine oil

KEY DATA





- ✓ **AGRICULTURE**
- ✓ **ENGINE OIL**

SPECIFICATIONS AND APPROVALS

International Specifications:

ACEA E7

API CI-4/SL

Manufacturers' Approvals:

- ✓ Cummins CES 20078
- ✓ Deutz DQC III-10
- ✓ MB-Approval 228.3
- ✓ Volvo VDS-3

Suitable when the following specifications are recommended:

✓ John Deere JDQ 78A | FPT-IVECO T2 E7

Meets the requirements of:

- ✓ Caterpillar ECF-2/ECF-1-a
- ✓ Case MS 1121
- ✓ Cummins CES 20077/20076
- ✓ CNH MAT 3507
- ✓ New Holland NH 330H
- ✓ MAN M 3275

Suitable for the engines of the following machines:

CASE, NEW-HOLLAND, CLAAS, FENDT, SAME, MASSEY FERGUSON, Mc CORMICK, VALTRA…

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.

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PHYSICAL AND CHEMICAL CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
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.

RECOMMENDATIONS FOR USE

Before using the product, the equipment's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations.

If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet. This can be obtained on request from your local reseller and is available for consultation at http://sdstotalms.total.com.

This product should not be used for any purposes other than the ones for which it is intended.

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at www.lubricants.total.com.