



TRACTAGRI HDX FE 15W-30



TOTAL

Very high-performance lubricant, intended for the engines of tractors and agricultural machinery and providing fuel economy.

USAGES

Agricultural domain

**All engines
TIER 1, TIER 2 & TIER 3**

All tasks, all seasons

- Intended for the lubrication of engines used in agricultural domains, and in particular for recent technology engines that meet the EUROPE Phase IIIa or US EPA TIER 3 (2006) pollution reduction standards.
- Suitable in the diesel engines of all tractors, including those without pollution reduction or that meet the TIER 1 and TIER 2 pollution reduction standards.
- Particularly recommended for tractors performing fieldwork under full load, and for road hauling.
- Can be used year round in agricultural diesel engines, whether normally-aspirated or turbocharged, and in service vehicle gasoline engines.

PERFORMANCES

Classifications

ACEA : E7 / E5
API : CI-4 / SL

Manufacturers approvals

MERCEDES-BENZ : MB-Approval 228.3
CUMMINS : CES 20078 (20077)
DEUTZ : DQC II-05

**Conforms to the
specification**

CATERPILLAR : ECF-2

**Suitable for tractor
engines**

CASE NEW-HOLLAND, DEERE, FENDT, IVECO, MASSEY-FERGUSON,
PERKINS, SAME, SISU, VALMET...

CUSTOMER

Fuel economy

Technical performances

- Provides for a notable reduction of a tractor's diesel fuel consumption.
- Excellent resistance to shear, which ensures that the viscosity remains within the optimum values for the engine's proper operation.
- Thanks to its detergency and dispersivity properties, very efficient in the prevention of engine clogging while also reducing energy losses due to thickening of the oil as a result of combustion sludge.
- Its anti-wear and anti-corrosion properties ensure for greater engine longevity and better protection.

CHARACTERISTICS

TRACTAGRI HDX FE	Units	15W-30
Viscosity at 40°C	mm ² /s	90
Viscosity at 100°C	mm ² /s	12.2
Viscosity index		128
Pour Point	°C	- 30

The values of the characteristics contained in this table are typical values, provided for information purposes.

TOTAL LUBRIFIANTS
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TRACTAGRI HDX FE 15W-30
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This lubricant, used according to our recommendations and for the application for which it has been designed, presents no particular risks. A safety data sheet complying with the legislation applicable within the EC is available from your sales adviser.