

TRACTAGRI HDX 15W-40



Very high performance multigrade oil, specifically intended for lubricating naturally aspirated and turbo charged diesel engines in new generations of tractors and agricultural machines.

APPLICATIONS

Agricultural activities

**All engines answering
TIER 1 and TIER 2
standards**

All seasons

- Intended for lubricating agricultural engines, particularly those of recent technology that satisfy the Europe TIER 2 (2002) pollution control standard.
- Can be used in all tractor diesel engines including those not pollution controlled or which satisfy the TIER 1 (1999) pollution control standard.
- Particularly recommended for powerful engines, or those used in severe conditions specially in harvester machines.
- Can be used in all agricultural diesel engines, including those that are naturally aspirated, as well as service vehicle gasoline engines.

PERFORMANCES

ACEA E5 – 02

API CI-4

All agricultural OEMs

- Exceeds the requirements of the following classifications and specifications :

ACEA E5 – 2002

API CI-4 / SJ

- Satisfies the most recent requirements of the following engine manufacturers:

DEERE

DEUTZ

CASE NEW HOLLAND

VALMET

SAME

IVECO

PERKINS

SISU

And those of the following manufacturers :

CUMMINS 20076/ 20077

MAN : M 3275

DAIMLER CHRYSLER : MB 228.3

CATERPILLAR

TOTAL LUBRIFIANTS
16, rue de la République
F- 92800 PUTEAUX
1/2

Tractagri HDX 15W-40
June 2004
N° MPR/06/04



This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard.
A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.

CUSTOMER BENEFITS

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| <p>Total safety</p> <p>Longer oil change intervals</p> <p>Easy starting</p> <p>Simpler overall lubrication</p> | <ul style="list-style-type: none"> ● High thermal stability, ensuring excellent lubrication of hot parts of the engine even in summer. ● Excellent oxidation resistance, guaranteeing the best possible lubrication throughout the oil life, particularly in recent engines with longer oil change intervals. ● Good fluidity when cold, for easier startings ● Can be used for lubricating all types of engines, including older models, (not pollution controlled), and those of recent generation that satisfy the European TIER 1 & TIER 2 pollution control standards. |
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CHARACTERISTICS

Tractagri HDX	Units	15W-40
Volumetric mass at 15 °C	kg/dm ³	0.884
Kinematic viscosity at 40° C	mm ² /s	102
Kinematic viscosity at 100° C	mm ² /s	14.2
Dynamic viscosity at – 20° C	mPa.s	6900
Viscosity index		144
Pour point	° C	-30

The typical characteristics mentioned represent mean values