



TRACTAGRI HDZ FE 10W-30



TOTAL

“Low SAPS technology” lubricant specially developed for Agricultural machinery engines, with or without Diesel Particulates Filter.

UTILISATIONS

« Agricultural »
segment

All “TIER 1, 2, 3 and
4 interim” Engines

- Particularly dedicated to the lubrication, throughout the year, of engines of tractors, harvesters and other automotive machinery.
- More generally, is recommended for engines working whatever the weather in traction, harvesting, ground forming or all other agricultural machinery type.
- Specially recommended for recent technology engines meeting the last EURO Phase IIIb or US EPA TIER 4 interim pollution Standards.

PERFORMANCES



OEMs approvals

Conform to the
specifications

Suitable in tractors

Classifications :

ACEA : E9 / E7 (E5)
API : CJ-4 / CI-4 plus / CI-4 / SM

MERCEDES-BENZ : MB-Approval 228.31
DEUTZ : DQC III-LA-10 (in progress)
CUMMINS : CES 20081

CATERPILLAR : ECF-3 / ECF-2 / ECF-1a
JOHN DEERE : JDQ 78X

CASE NEW-HOLLAND, CLAAS, VALMET, SAME, FENDT,
MASSEY-FERGUSON, Mac CORMICK...

CUSTOMER ADVANTAGES

Total security
All post-treatment
systems
Fuel economy
All engines compatible

- High thermal stability ensuring a very good lubrication of hot engine pieces, especially during severe and long working periods.
- Its “Low SAPS” formulation is adapted to all exhaust gaz post-treatment systems and particularly improves the durability of the Diesel Particulate Filters
- Specific formulation which enables fuel savings.
Suitable in all engine brands and types of old or recent technology

CHARACTERISTICS

TRACTAGRI HDZ FE	Units	10W-30
Kinematic Viscosity at 40 °C	mm ² /s (cSt)	80
Kinematic Viscosity at 100 °C	mm ² /s (cSt)	11.9
Ash content	%	0.9
TBN	mg KOH/g	9.6

The typical characteristics mentioned represent mean values

TOTAL LUBRIFIANTS
562 avenue du Parc de l'île
92029 NANTERRE
France

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Ce lubrifiant utilisé selon nos recommandations et pour l'application pour laquelle il est prévu ne présente pas de risque particulier.
Une fiche de données de sécurité conforme à la législation en vigueur dans la C.E. est disponible auprès de votre conseiller commercial.