



AGRI UNIVERSAL 400 10W-40

Multipurpose super multigrade oil, based on very high performance synthetic oils, intended for a year-round lubrication of all mechanical systems in CLAAS and RENAULT agricultural tractors.

Applications

Engines

All supercharged or naturally aspirated diesel engines in the CLAAS/RENAULT range, satisfying the EUROPE PHASE 1 (1999) pollution control standard*.

Petrol engines in service vehicles.

Mechanical transmissions fitted with wet disc brakes (non graphite).

Mechanical components and systems in CLAAS and RENAULT tractors

Power take offs and multidisc clutched operating in oil.

Conventional mechanical transmissions for which oils type API GL4 / MIL.L.2105 SAE 80W or 80W-90 are recommended.

Hydraulic lift and assistance circuits.

Hydrostatic steering systems.

Performances



Classifications: **ACEA E3**

Manufacturers approvals: **GIMA CMS M 1145 / 1144 • ZF TE-ML 06B / 07B**

Conforms to the specifications:

Multipurpose applications: **FORD M2C 159B3 • MASSEY-FERGUSON CMS M1139 • JOHN DEERE JDM J27**

Engine applications: **ACEA E3 • API CG-4 / SF • DEUTZ, IVECO, PERKINS : Phase 1**

Tractor transmission applications: **CASE MS 1206, 1207 • JOHN DEERE JDM J20A, J20C • FORD M2C86A, M2C134C, M2C134D, FNHA 2 C 201.00 • MASSEY-FERGUSON CMS M1127A, M1135**

Mechanical transmission applications: **API GL4**

Automatic transmission applications: **CATERPILLAR T02 • GM ALLISON C4**

Customer benefits

Rationalisation

Can be used in most mechanical systems in CLAAS/RENAULT tractors and agricultural machinery.

Simplifies lubricants and storage. Eliminates errors in use. Completely miscible with conventional oils or those of the same type.

Fluid when cold with viscosity SAE 10W permitting easy engine starts at low temperature and shorter response times for hydraulic control systems.

Viscous when hot with grade SAE 40 for engines (equivalent to SAE 90 for transmissions), guaranteeing a permanent oil film between moving parts and operating safety at all temperatures.

* The typical characteristics mentioned represent mean values





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Customer benefits

Protection of the engine, transmission components and hydraulic systems

Reduces oil consumption

Outstanding wear control ensuring long life for the engine, transmission systems and hydraulic circuit components.

Anticorrosion and antirust properties, protecting the non-ferrous metals in the engine and in other mechanical systems.

Excellent antifoaming qualities, to prevent any sump overflow as well as pump depriming or cavitation.

Completely inert to seals.

The use of synthetic base oils offers high resistance to oxidation, preventing the formation of deposits and glaze on parts operating at high temperature. Special frictional characteristics, ensuring progressive, efficient and silent operation of brake and clutch systems.

Reduces engine oil consumption thanks to the use of selected base oils.

Characteristics*

AGRI UNIVERSAL 400 10W-40	Units	Value
Kinematic viscosity at 40° C	mm ² /s	92
Kinematic viscosity at 100° C	mm ² /s	13.0
Viscosity index	-	151
Pour point	° C	-36

* The typical characteristics mentioned represent mean values

