



MULTAGRI TM 20W-40



Multipurpose oil adapted to the lubrication of different systems of agricultural machineries.

SPECIFICATIONS AND APPROVALS

International specifications	API CD/SE MIL.L.2104D MIL.L.46152C	API GL-4 MIL.L.2105
-------------------------------------	------------------------------------	---------------------

Meets the requirements of

- ✓ *Multipurpose* : Ford M2C 159B3, Massey Ferguson CMS M1139
- ✓ *Engines* : CCMC D2
- ✓ *Transmissions* : John Deere J20A, Massey Ferguson CMS M1135
- ✓ *Automatic transmissions* : Caterpillar TO2

APPLICATIONS

TOTAL MULTAGRI TM 20W-40 is designed for turbocharged or naturally-aspirated Diesel engines. This lubricant is also adapted to mechanical transmissions requiring API GL-4 / MIL.L.2105 SAE 80W-90 performance.

TOTAL MULTAGRI TM 20W-40 is recommended for:

- ✓ Mechanical transmissions fitted with oil bath brakes
- ✓ Hydraulic lift and assistance circuits
- ✓ Power take-offs and multidisc clutches operating in oil

PERFORMANCES AND CUSTOMER BENEFITS

TOTAL MULTAGRI TM 20W-40 can reduce the number of lubricant needed on a farm.

It exhibits lots of advantages and properties:

- ✓ High viscosity when hot, guaranteeing continuous lubrication in the engine and on gears and hydraulic components
- ✓ Low viscosity when cold, for appropriate engine operation in the Nordic regions and easy starting, as well as quick reacting hydraulics
- ✓ Outstanding anti-wear properties ensuring longer mechanical components durability
- ✓ Extreme-pressure properties allow lubrication of transmissions requiring oil type API GL4 or MIL.L.2105 SAE 80W-90
- ✓ Anti-corrosion additives protect the non-ferrous metals in the engine and other systems.
- ✓ Excellent anti-foaming properties, to prevent any sump overflow or cavitation
- ✓ Completely inert to seals
- ✓ High resistance to oxidation, preventing the formation of deposits and glaze on parts operating at high temperature

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL MULTAGRI TM 20W-40		Method	Value
Density at 15°C	kg/m ³	ASTM D1298	894
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	121
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	13.7
Viscosity Index	-	ASTM D2270	110
Pour Point	°C	ASTM D97	-18

* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

TOTAL LUBRIFIANTS

562, avenue du Parc de l'Île
92029 Nanterre cedex
FRANCE

TOTAL MULTAGRI TM 20W-40

Update 10/2014

www.lubricants.total.com



This lubricant does not cause adverse health effects when used in the intended application.

A safety datasheet is accessible on request from your local dealer or on the website www.quickfds.com