

MULTAGRI MS 15W-40





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

SPECIFICATIONS AND APPROVALS

| Intern | ational specifications | ACI | EA E2 API CF-4/CE/SF API GL-4 |
|--------------------------|------------------------------------|--------|---|
| Manufacturers' approvals | | Meets | the requirements of |
| ✓ | Massey-Ferguson CMS M 1145/ M 1144 | ✓ | Engines: Ford M2C 159B3, Massey Ferguson CMS M1139, John Deere JDM J27 |
| ✓ | ZF TE-ML 06B/07B | ✓ ✓ | Transmissions: John Deere JDM J20A/C, Ford M2C86A, M2C134D, FNHA 2C 201.00, Massey Ferguson CMS M1127A, M1135 Automatic transmissions: GM Allison C4 |

APPLICATIONS

TOTAL MULTAGRI MS 15W-40 is designed for turbocharged or naturally-aspirated Diesel engines. This lubricant is also adapted to mechanical transmissions, gearboxes, reduction drives, bevel gears requiring API GL-4 / MIL.L.2105 SAE 80W-90 performance.

TOTAL MULTAGRI MS 15W-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
- ✓ Hydrostatic steering systems

PERFORMANCES AND CUSTOMER BENEFITS

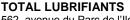
TOTAL MULTAGRI MS 15W-40 exhibits lots of advantages and properties:

- ✓ High viscosity when hot, guaranteeing continuous lubrication in the engine and on gears and hydraulic components
 ✓ 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
- Special frictional characteristics ensuring progressive, efficient and silent operation of brake and clutch systems
- Reduction of the number of lubricants needed on a farm

PHYSICAL AND CHEMICAL CHARACTERISTICS*

| TOTAL MULTAGRI MS 15W | -40 | Method | Value |
|------------------------------|-------------------|------------|-------|
| Density at 15°C | kg/m ³ | ASTM D1298 | 888 |
| Kinematic Viscosity at 40°C | mm²/s | ASTM D445 | 99.4 |
| Kinematic Viscosity at 100°C | mm²/s | ASTM D445 | 13.5 |
| Viscosity Index | - | ASTM D2270 | 135 |
| Pour Point | °C | ASTM D97 | -39 |

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



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