



# MULTAGRI PRO-TEC 10W-40



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

## SPECIFICATIONS AND APPROVALS

International specifications	ACEA E3	API CG-4/SF	API GL-4
<b>Manufacturers' approvals</b>	<b>Meets the requirements of</b>		
<ul style="list-style-type: none"> <li>✓ Massey-Ferguson CMS M 1145/ M 1144</li> <li>✓ ZF TE-ML 06B/07B</li> </ul>	<ul style="list-style-type: none"> <li>✓ <i>Engines</i> : Ford M2C 159B3, Massey Ferguson CMS M1139, John Deere JDM J27</li> <li>✓ <i>Transmissions</i> : Case MS 1206, 1207, John Deere JDM J20A, J20C, Ford M2C86A, M2C134C, M2C134D, FNHA 2C 201.00, Massey Ferguson CMS M1127A, M1135</li> <li>✓ <i>Automatic transmissions</i> : Caterpillar TO2, GM Allison C4</li> </ul>		

## APPLICATIONS

TOTAL MULTAGRI PRO-TEC 10W-40 is designed for turbocharged or naturally-aspirated Diesel engines meeting **European standard Stage I and II (2002)** and **American standard EPA Tier 1 and 2**.

TOTAL MULTAGRI PRO-TEC 10W-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 PRO-TEC 10W-40 can be used in most old or new mechanical components of agricultural machinery. It simplifies lubricant supply and storage.

TOTAL MULTAGRI PRO-TEC 10W-40 exhibits lots of advantages and properties:

- ✓ Its SAE 10W viscosity makes it fluid when cold, permitting easy engine starts at low temperature, and immediate efficiency of hydraulic filters guaranteeing shorter response time for hydraulic drive systems
- ✓ Outstanding anti-wear properties ensuring a long life of engine, transmission systems and hydraulic circuit components
- ✓ Anticorrosion and antitrust properties to protect the non-ferrous metals and alloys in mechanical components
- ✓ Excellent anti-foaming qualities, to prevent any sump overflow or cavitation
- ✓ Completely inert to seals
- ✓ The use of specially refined base oils gives 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 fuel & oil consumption in engines thanks to the use of selected base oils

## PHYSICAL AND CHEMICAL CHARACTERISTICS\*

TOTAL MULTAGRI PRO-TEC 10W-40		Method	Value
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	864
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	86.5
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	13.3
Viscosity Index	-	ASTM D2270	155
Pour Point	°C	ASTM D97	-36

\* 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 PRO-TEC 10W-40

Update 10/2014

[www.lubricants.total.com](http://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](http://www.quickfds.com)