



# TECHNICAL DATA

## **GB UNIAGRI® MF 10W-30**

### **APPLICATIONS**

GB UNIAGRI® MF 10W-30 is a multifunctional oil for farm machinery, formulated using the highest quality virgin mineral group II base oils and enhanced additive systems. This premium multipurpose lubricant offers ultra-reliable performance in farm tractor engines, transmissions, wet brakes, final drives and hydraulics. Applications include tractors, combine harvesters, crop sprayers, selected construction equipment and materials handling equipment.

### **PERFORMANCE FEATURES**

GB UNIAGRI® MF 10W-30 is suitable as a single-grade lubricant for most applications on a wide range of tractors and offers the following:

- Controlled and stable friction performance, ensuring precise clutch and brake operation
- Improved thermal and oxidation stability, ensuring that the lubricant's performance is maintained throughout its working life
- Excellent low-temperature flow characteristics, providing superior cold-start protection
- Enhanced gear wear protection
- Increased anti-squawk performance
- Improved water tolerance
- Rust and corrosion protection
- Exceptional soot control and engine wear protection
- A genuine multipurpose lubricant, allowing a reduced inventory and reducing the risk of misapplication

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## **GB LUBRICANTS**

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Integrated Management System  
PAS 99 IIR 560337  
ISO 9001  
ISO 14001  
OHSAS 18001

# GB LUBRICANTS

**PERFORMANCE DETAILS**

GB UNIAGRI® MF 10W-30 meets the following performance levels:

<b>TRANSMISSION &amp; DRIVELINE</b>	<b>ENGINE</b>
ALLISON C-4	API CG-4/SF
API GL-4	API CI-4 (soot control)
CATERPILLAR TO-2	MB 227.1
JOHN DEERE JDM J27	MB 228.3 (wear protection/piston cleanliness)
FORD M2C 159B/M2C 121B	MIL-L-2104D
MASSEY FERGUSON M1144/M1145	
ZF TE-ML 06B (includes C, Q, R)	
ZF TE-ML 06D, 06F, 07B	

**CHARACTERISTICS**

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
<b>SAE</b>		-	<b>10W-30</b>
Appearance	-	-	Clear amber liquid
Density @ 15°C	kg/m <sup>3</sup>	IP 160	872
Kinematic Viscosity @ 40°C	cSt	IP 71	82.5
Kinematic Viscosity @ 100°C	cSt	IP 71	12.4
Viscosity Index	-	IP 226	148
TBN	mg KOH	IP 276	11.5
Pour Point	°C	IP 15	-39
CCS @ -25°C	cP	ASTM D 5293	6580

**STORAGE AND HANDLING**

GB UNIAGRI® MF 10W-30 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNIAGRI® MF 10W-30 can be obtained by referring to the corresponding Safety Data Sheet.

***The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.***