



TECHNICAL DATA

GB UNIAGRI® MF 10W-40

APPLICATIONS

GB UNIAGRI® MF 10W-40 is a premium, multifunctional oil for agricultural and off-highway lubrication applications. Formulated using the highest quality virgin mineral group II base oils incorporating enhanced additive systems, GB UNIAGRI® MF 10W-40 is a universal lubricant for tractors and agricultural machinery subjected to severe operating conditions. This grade may be used in a wide range of diesel engines, as well as transmissions, final drives, hydraulic systems and wet brakes. Applications include tractors, combine harvesters, crop sprayers, selected construction equipment and materials handling equipment.

PERFORMANCE FEATURES

GB UNIAGRI® MF 10W-40 is suitable 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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Integrated Management System
PAS 99 IIR 560337
ISO 9001
ISO 14001
OHSAS 18001

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PERFORMANCE DETAILS

GB UNIAGRI® MF 10W-40 meets the following performance levels:

TRANSMISSION & DRIVELINE	ENGINE
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	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
SAE			10W-40
Appearance	-	-	Clear amber liquid
Density @ 15°C	kg/m ³	IP 160	871
Kinematic Viscosity @ 40°C	cSt	IP 71	82.9
Kinematic Viscosity @ 100°C	cSt	IP 71	13.0
Viscosity Index	-	IP 226	157
TBN	mg KOH	IP 276	11.5
Pour Point	°C	IP 15	-39
CCS @ -25°C	cP	ASTM D 5293	5070

STORAGE AND HANDLING

GB UNIAGRI® MF 10W-40 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNIAGRI® MF 10W-40 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.