



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 base oils and enhanced additive systems, for lubricating the working parts of modern, high-powered tractors: engines, irrespective of whether they are naturally aspirated or turbo-charged, diesel- or petrol-driven, gear boxes, final drives, hydraulic systems and wet brakes.

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 effective operation of wet brakes and power take-off systems
- 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
- Advanced hydraulic pump performance
- Exceptional soot control in diesel engines
- A genuine multipurpose lubricant, allowing a reduced inventory and reducing the risk of misapplication

Because of changes in the design of modern agricultural equipment, problems can be experienced with some hydraulic systems, when a lubricant based on a conventional viscosity is used. GB UNIAGRI® MF 10W-30 is formulated specifically to overcome such problems and provide good flow characteristics.

GB UNIAGRI® MF 10W-30 is also suitable for the engines of some commercial vehicles and private cars, thus giving further opportunity for a reduction in the number of oils required on a farm. It should not, however, be used in gear boxes and final drives of commercial vehicles.

Cont'd .../...

GB LUBRICANTS

Albany Road Gateshead NE8 3BP

Tel: 0191 490 4312

Fax: 0191 477 9544

e-mail: gblsales@gb-lubricants-fuels.co.uk

www.gb-lubricants-fuels.co.uk

A division of Goodall Bates & Todd Ltd



Q 06093
ISO 9001



EMS 72776
ISO 14001



OHS 88475
OHSAS 18001

GB LUBRICANTS

PERFORMANCE DETAILS

GB UNIAGRI® MF 10W-30 may be used where the following specifications are required:

MULTIFUNCTIONAL		
FORD M2C 159B/C	MASSEY FERGUSON M1139/1144	
JOHN DEERE J27	NEW HOLLAND 82009201/2/3	
ENGINE		
ACEA E3	CCMC D4	MAN 271
API CE/SF/CF/CF-4/CG-4	MERCEDES BENZ p227.1/228.1	
TRANSMISSION		
API GL-4	JOHN DEERE J20C/D	
ALLISON C-4	MASSEY FERGUSON M1145	
CATERPILLAR T0-2	ZF TE-ML-06 (parts B and C)/07B	

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
SAE		-	10W-30
Appearance	-	-	Dark amber liquid
Density @ 15°C	kg/m ³	IP 160	880
Kinematic Viscosity @ 40°C	cSt	IP 71	68.7
Kinematic Viscosity @ 100°C	cSt	IP 71	10.4
Viscosity Index	-	IP 226	139
TBN	mg KOH	IP 276	10.7
Flash Point	°C	IP 34	192
Pour Point	°C	IP 15	-31

STORAGE AND HANDLING

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

HEALTH, SAFETY AND THE ENVIRONMENT

GB UNIAGRI® MF 10W-30 is not classified as hazardous under current UK Health & Safety and Environmental Legislation when used in the application for which it is intended.

For guidance on storage and handling of all lubricants and related products, GB Lubricants recommend the Environment Agency, www.environment-agency.gov.uk, as an excellent source of advice.

If you have any queries, please do not hesitate to contact either your local Technical Sales Representative or our Technical Department.

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 and specifications, without prior notice.