



TECHNICAL DATA

GB GERION® MBT 75W-90 FS

APPLICATIONS

GB GERION® MBT 75W-90 FS has been developed using the highest quality synthetic base oils and advanced additive systems for manual transmissions in Mercedes Benz Actros vehicles, although it may be used in other OEM's manual transmissions, when the performance and viscosity grade are applicable. It has been designed to provide fuel economy and extended drain intervals and, although it is miscible and compatible with conventional semi-synthetic and mineral transmission fluids, full performance can only be achieved when it is used unmixed.

PERFORMANCE FEATURES

GB GERION® MBT 75W-90 FS is formulated as an extended drain, fuel-efficient manual transmission oil and offers the following features:

- Enhanced gear changes
- Low temperature performance
- Thermal stability
- Oxidation stability
- Anti-wear performance
- Corrosion protection
- Load-carrying properties
- Improved frictional properties
- Seal compatibility
- Enhanced synchromesh performance
- Low foaming
- Extended drain interval potential
- Fuel economy improvements

PERFORMANCE DETAILS

The following Original Equipment Manufacturer's formal approval has been obtained:

MB - Approval 235.11

GB GERION® MBT 75W-90 FS may be used where the following specifications are required:

API GL-4

MAN 341 Type MB

ZF TE-ML 08

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GB LUBRICANTS

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

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CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
SAE	-	-	75W-90
Appearance	-	-	Yellow liquid
Colour	-	DIN ISO 2049	0.5
Density @ 15°C	g/ml	DIN 51757	849
Kinematic Viscosity @ 40°C	cSt	DIN 51562-1	96.5
Kinematic Viscosity @ 100°C	cSt	DIN 51562-1	14.5
Viscosity Index	-	DIN ISO 2909	158
Dynamic Viscosity @ -40°C	mPas	DIN 51398	50,000
Pour Point	°C	DIN ISO 3016	-51
Flash Point	°C	DIN ISO 2592	223
Neutralization Number	mg KOH/g	FLV-N7/DIN 51558	1.2
Foaming Tendency Sequence 1	ml	ASTM D 892	0/0
Foaming Tendency Sequence 2	ml	ASTM D 892	0/0
Foaming Tendency Sequence 3	ml	ASTM D 892	0/0

STORAGE AND HANDLING

GB GERION® MBT 75W-90 FS should be stored under cover to avoid water collecting in the rim of upturned barrels.

HEALTH, SAFETY AND THE ENVIRONMENT

Further information on GB GERION® MBT 75W-90 FS can be obtained by referring to the corresponding Material Safety Data Sheet.

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.