



TECHNICAL DATA

GB UNITRANS® ZF

APPLICATIONS

GB UNITRANS® ZF has been developed using the highest quality virgin mineral base oils and multifunctional additives, for use as a premium universal tractor transmission oil (UTTO). GB UNITRANS® ZF may be used in a wide range of tractor transmissions, wet brakes, power take-off, final drives and hydraulics in off-highway applications, as well as in construction and industrial equipment.

PERFORMANCE FEATURES

GB UNITRANS® ZF is formulated to provide superior gear performance, squawk and chatter suppression, hydraulic pump and low temperature performance in modern off-highway equipment and offers the following features:

- Corrosion protection
- Excellent gear and pump wear protection
- Precise clutch and wet brake operation
- Superior friction control
- Excellent shear-stability
- Oxidation and thermal stability
- Low foam
- Low temperature performance

PERFORMANCE DETAILS

The following Original Equipment Manufacturer's formal approvals have been obtained:

ZF TE-ML 03E, 05F, 17E, 21F (Approval No. ZF000870)

GB UNITRANS® ZF may also be used where the following specifications are required:

ALLISON C-4
CNH MAT3525
CASE MS 1204/6/7/9/10
CATERPILLAR TO-2
FNHA-2-C-201.00
FORD ESN-M2C86-B/C

FORD ESN-M2C134-D
JOHN DEERE JDM J20C
KUBOTA UDT
MASSEY FERGUSON CMS
M1135/1141/1143/1145
VOLVO CE WB 101

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

GB LUBRICANTS

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
SAE			10W-30
Appearance	-	-	Amber liquid
Density @ 15°C	kg/m ³	IP 160	886
Kinematic Viscosity @ 40°C	cSt	IP 71	68.7
Kinematic Viscosity @ 100°C	cSt	IP 71	12.2
Viscosity Index	-	IP 226	177
CCS @ -25°C	cP	ASTM D5293	6070
Pour Point	°C	IP 15	-42

STORAGE AND HANDLING

GB UNITRANS® ZF should be stored under cover to avoid water collecting in the rim of upturned barrels.

HEALTH, SAFETY AND THE ENVIRONMENT

Further information on GB UNITRANS® ZF can be obtained by referring to the corresponding 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.