



FARMER POLY 304 und 305

High-performance oils for wet brakes

Description

The MOTOREX FARMER POLY 304 and 305 are two special universal tractor transmission oils (UTTO). FARMER POLY 304 and 305 oils are based on refined mineral oil with extremely good shear stability characteristics. The special characteristics of the modern additives enhance the selected base oil components.

Advantages

- Base oils with shear stability
- Additives with the latest technology
- Good high-pressure characteristics
- Lubricating film with high-load capacity at all operating temperatures
- Good protection against corrosion, the formation of sludge and wear
- Constant performance of wet brakes, even when subject to continuous loads
- Reduction in driving noise produced by the wet braking/self-locking differential

Field of application

MOTOREX FARMER POLY 304 and 305 oils are used as gear and hydraulic oils on modern tractors. Thanks to their balanced additives, they are particularly suitable for shafts and gearboxes with wet brakes, multi-disc clutches and locking differentials.

The oil level must be checked and the oil and filters changed in accordance with the vehicle manufacturer's maintenance manual.

MOTOREX FARMER POLY 304 or 305 must **not** be used as engine oil and in applications where the manufacturer specifies a pure API GL-5 oil.

Specifications

FARMER POLY 304

As gear oils: API GL-4

ZF TE-ML 03E, 05F, 06K, 17E, 21F

Safety + Performance: ZF TE-ML 06E, 06F

As hydraulic oils: HVL P gem. DIN 51524/T3

UTTO: Massey Ferguson M 1135, M 1141, M 1143,

M 1145, Ford M2C-134D, John Deere JDM J20C

CNH MAT 3525, NH 410B

FARMER POLY 305

As gear oils: API GL-4,

As hydraulic oils: HLP gem. DIN 51524/T2

UTTO: Massey Ferguson M 1135, M 1143, M 1145

Ford M2C-86C, John Deere JDM J20C

Technical data

Properties	Unit	Test according to	Values	
FARMER POLY			304	305
Viscosity class		ISO VG	46 – 68	68 - 100
Colour		DIN ISO 2049	yellowish brown	brown
Density at 20 °C	g/ml	ASTM D 4052	0.877	0.874
Viscosity at 40 °C	mm ² /s	DIN 51562-1	61	83
Viscosity at 100 °C	mm ² /s	DIN 51562-1	10.1	10.9
Viscosity index		DIN ISO 2909	145	>100
Pourpoint	°C	ASTM D 5950	-36	-33
Flash point	°C	DIN EN ISO 2592	>200	>200

Water hazard class: WGK 1

Disposal code: EWC 130 205

The above information is subject to change without prior notice, although they are in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available.

