

FLUID RF

FLUID FOR TRANSMISSIONS, HYDRAULICS AND WET BRAKES



OFF-ROAD RANGE

UTTO OIL
MINERAL

Mineral

Semi-
synthetic

Synthetic

STANDARDS AND SPECIFICATIONS

API GL-4
MASSEY FERGUSON MF 1135
RENAULT/FIAT

Oxidation resistance

Shear stability



APPLICATIONS

FLUID RF is a UTTO (Universal Tractor Transmission Oil) oil that is especially formulated for lubricating hydraulic circuits, mechanical transmissions, and wet disc brakes in RENAULT and FIAT farm tractors, particularly for engines having problems related to chatter wet disc brakes.

FLUID RF is also used to lubricate mechanical components and requiring the standards below:

- Mechanical transmissions such as gearboxes, differentials, powered axles and converters
- Hydraulic systems and hydrostatic steering systems
- Wet disc brakes

BENEFITS

- **Excellent shear stability**, ensuring that the oil retains its grade throughout its service life, thereby preserving the brakes from any chatter risks.
- **Excellent friction properties**, ensuring that brake and clutch systems operate progressively and efficiently with no noise.
- Remarkable **anti-wear properties and performance under extreme pressure** ensuring good lubrication of transmission and hydraulic circuit components.
- **Anti-corrosion and anti-rust properties** for protecting metals and alloys of mechanical components.
- **Neutral to seals**.

PERFORMANCE

PERFORMANCE LEVELS

API GL-4
ALLISON C3
CATERPILLAR TO-2
FIAT (depending on the model)
LANDINI
MASSEY FERGUSON MF 1135
RENAULT/CLAAS (depending on the model)
SAME DEUTZ FAHR



CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	20W-30
Density at 15°C	kg/m ³	NF T 60101	884
Kinematic viscosity at 40°C	mm ² /s	NF T 60100	88
Kinematic viscosity at 100°C	mm ² /s	NF T 60100	10.8
Viscosity index	-	NF T 60136	108
Dynamic viscosity at -18°C	mPa.s	ASTM D 2602	9420
Dynamic viscosity at -26°C	mPa.s	ASTM D 2602	67100
Pour point	°C	NF T 60105	-30
Flash point	°C	NF T 60118	260
Sulphate ash content	% mass	NF T 60143	1.16
TBN	mg KOH/g	ASTM D 2896	6.9

The above data are provided on an indicative basis only.

HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with the rules governing the disposal of used lubricants.

Must be stored away from bad weather conditions.

For further details, our Technical Department is available to assist you.