

MAXIFLUID JD

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DESCRIPTION:

Multigrade lubricating oil SAE 10W30 UTTO type lubricant developed for use in transmissions, hydraulic systems, oil-immersed brakes, and other components in old tractors and old agricultural and public works machinery. Not suitable for use in oil-immersed brakes in the latest generation of tractors and machinery.

PROPERTIES & ADVANTAGES:

- ✓ Excellent performance in oil-immersed brake and clutch systems, reducing noise and vibration problems in all systems incorporated into old machinery, where the requirements are lower than most modern advanced technology systems that require a state-of-the-art UTTO fluid.
- ✓ It prevents overheating of brakes and clutches, ensuring optimum performance and providing excellent braking and gear protection.
- ✓ Provides excellent load-bearing capability, considerably reducing losses to friction.
- ✓ Its excellent anti-wear and anti-corrosion capacity allows the components to last longer, reducing downtime and maintenance costs.
- ✓ Minimal foam formation, which guarantees correct operation in hydraulic systems.
- ✓ Its excellent fluidity at low temperatures allows for better operation of the hydraulic system at startup and maximum operating temperature, as well as smooth gearbox operation.
- ✓ High thermal and chemical stability.
- ✓ Demonstrated compatibility with copper alloys used in synchronous motors and piston pumps
- ✓ Long service life, maintaining a stable friction control.
- ✓ Reduced formation of deposits and lacquers, keeping the gears and the inside of the circuits in an optimal state of cleanliness.

APPLICATIONS:

- ✓ UTTO-type fluid for old agricultural machinery systems where an oil of API CE/SG or lower quality is required.
- ✓ Power transmission fluid in hydraulic systems, mechanical and hydrostatic steering, or power steering in old tractors and old agricultural and public works machinery.
- ✓ Torque converters.
- ✓ Lubrication of transmission gears, side gearboxes, wheel drive gearboxes, and differential gears.
- ✓ Oil-immersed brakes in old agricultural tractors that are not suitable for use in modern machinery and tractors fitted with the latest technology that require lubricants with appropriate friction modifiers.

SPECIFICATIONS / QUALITY LEVEL:

JOHN DEERE JDM J20C, J14A, J21A	AGCO 821-XL (WHITE FARM Q-1826)
FORD ESN- M2C134-C / FORD ESN-M2C134-D	ALLISON C-3
FORD ESN-M2C86-B / FORD ESN-M2C86-C	CATERPILLAR TO-2
CASE MS 1204, 1205, 1206, 1207, 1210, 1230	API GL-4 / SAE 80W
MASSEY FERGUSON CMS M1127, M1135, M1143, M1144	

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TECHNICAL DATA:

PHYSICOCHEMICAL PROPERTIES	STANDARD	VALUE
SAE grade	SAE J300	10W30
ISO grade	ISO 3448	68
Viscosity at 100 °C, Min. (cSt)	ASTM D-445	9.3 - 12.5
Density at 15 °C (kg/l)	ASTM D-1298	0.865 - 0.880
Pour point (°C) (F°), Max.	ASTM D-97	-30 (-86)
Flash point (°C) (F°), Min.	ASTM D-92	200 (392)
Copper corrosion (3h. 150 °C, 302 °F)	ASTM D-130	1b
4-ball Wear test (40 kg / 1200 rpm, 75 °C / 1 h), scar diameter (mm)	ASTM D-2266	< 0.40

HOW TO USE:

- Product designed to be employed only in old machinery (manufactured before 1999).
- If you need a product with better friction control properties for use in oil-immersed brakes, it is recommended to use MAXTRACTOR 10W30 FS, formulated with state-of-the-art additives, fully compatible with the friction materials used in the manufacture of modern brake discs. In this case, excellent braking control will be achieved, minimizing noise and providing minimum wear on the brake discs.

PACKAGING:

5L bottle, 20L jerrycan, 200L drum and 1000L IBC containers.