

MAXTRON® THF +

Synthetic Blend Tractor Hydraulic Fluid

General Description

MAXTRON THF + is a synthetic blend multifunctional type fluid formulated specifically for tractors using a centralized system to lubricate the transmission, differential, wet brake, power steering and hydraulic systems.

MAXTRON THF + is formulated with a blend of synthetic and premium base oils to provide excellent cold flow characteristics while maintaining high temperature viscosity stability. A special additive system is used to provide anti-wear properties, the ability to carry heavy differential gear loads, resistance to oxidation stress from high temperatures, and the special balance of frictional properties required to prevent wet brake chatter while providing smooth operation. This fluid is designed to provide superior transmission and hydraulic operations at all temperatures, with special emphasis at sub-zero weather conditions, while keeping the internal parts clean and prolonging the life of sealing materials.

Expect superior performance in:

- All brands of tractors that have a common sump for the transmission, hydraulics, differential and wet brake system.
- Applications where fluid intermixing is expected, such as leased, shared or borrowed equipment.

Features and Benefits

Viscosity Stability: The synthetic blend formulation permits high viscosity index product with good shear stability, providing superior cold flow characteristics along with superior retention of viscosity at high operating temperatures.

Pumping Efficiency: Retaining viscosity at high operating temperatures and minimizing viscosity shear loss increases hydraulic power output at high temperatures.

Low Temperature Performance: Excellent fluidity and superb hydraulic system operation at sub-zero temperatures.

Chatter Free: Outstanding frictional properties reduce the annoyance and damage caused by wet brake chatter .

Compatibility: Prolongs life of oil seals and hydraulic hoses, reducing maintenance.

Wear Protection: Protects gears, pumps and other parts from wear due to high loads, therefore, extending equipment life.

System Cleanliness: Keeps all system parts clean and varnish free for smooth operation.

Oil Durability: Superior oxidation control reduces oil degradation from high temperatures, providing longer oil life.

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Total Protection Plan™ Warranty

MAXTRON THF + is backed by the Total Protection Plan warranty for up to 10 years/10,000 hours on agricultural equipment. See the warranty program for complete details.

MAXTRON THF + is recommended for tractor hydraulic systems or hydrostatic drives where the following are called for:

AGCO: Power Fluid 821, 821XL

Allison: C-2, C-3 or C-4

Case-IH: Hy-Tran®; Hy-Tran® Plus; Hy-Tran® Ultra; MS-1207, 1209, 1210, 1206, 1205, or 1204; JIC 143, 144, 145 or 185; Powergard PTF

Caterpillar: TO-2; MTO

Deutz/Allis: Power Fluid 821

Ford: M2C134A,B,C,&D; M2C41B; M2C43; M2C48A&B; M2C53A&B; M2C86B&C; M2C92A

Hesston/Fiat: Oliofiat Tutela Multi-F

John Deere: Hy-Gard; JD 303; J20A,B,C&D; J14B&C; Quatrol®

Kubota: Kubota Transdraulic Fluid; UDT
Massey Ferguson: Permatran III; M1111; M1127A&B; M1129A&B; M1135; M1141; M1143

Steiger: Hydraulic/Transmission Fluid
Versatile: HyGear Fluid, Specification 23M & 24M

White/Oliver/MM: Ag ONE Universal Fluid, Universal Fluid, Type 55

Check appropriate Chek-Chart Lubricant Application Guide for complete lubricant recommendations.

Typical Specifications

Viscosity	
cSt @ 100°C (SUS)	9.4 (58)
cSt @ 40°C (SUS)	40.8 (191)
Viscosity Index	224
Brookfield Viscosity, cP @ °C	1,300 @ -20 12,800 @ -40
Pour Point, °C (°F)	-42 (-44)
API Gravity	33.3
Flash Point, °C (°F)	235 (455)

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety:

A complete Material Safety Data Sheet is available upon request. Used oil contains by-products which may be harmful. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute - return used oil to a collection center.