

Full Synthetic Tractor Hydraulic Fluid

General Description

Maxtron[®] THF+ is a full synthetic multifunctional fluid formulated specifically for tractors which use a centralized system to lubricate the transmission, differential, wet brakes, power steering and hydraulic systems.

Maxtron THF+ is formulated with premium synthetic 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, which provide the ability to carry heavy differential gear loads and is resistant to oxidation stress from high temperatures. Maxtron THF+ has a special balance of frictional properties which provides a smooth operation and prevents wet brake chatter.

The fluid is designed to provide superior transmission and hydraulic operations at all temperatures with a special emphasis on sub-zero weather conditions, while keeping the internal parts clean and prolonging the life of sealing materials.

Excellent performance in these applications

- All brands of tractors that have a common sump for transmissions, hydraulics, differentials and wet brakes
- High and low temperature operations
- Wear and oxidation control.
- Preventing wet brake chatter
- Viscosity retention

Features and Benefits

- **Viscosity Stability:** The full synthetic blend formulation is a high viscosity index product with excellent shear stability, providing superior cold flow and high temperature viscosity performance and retention
- **Pumping Efficiency:** Retains viscosity at high temperatures and minimizes viscosity shear loss which increases hydraulic power output at all operating temperatures.
- **Low Temperature Performance:** Excellent fluidity and superb hydraulic system operation at subzero temperatures.
- **Chatter Free:** Outstanding frictional properties which reduce annoyance and damage caused by wet brake chatter.
- **Compatibility:** Prolongs life of oil seals and hydraulic hoses, reducing down time.
- **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 operating temperatures providing longer oil life
- **Expect superior performance in:** Agriculture, off-highway and construction equipment calling for J20-C, THF or UTTO Fluid

Maxtron[®] THF+

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CHS Lubricants recommends that **Cenex[®] Maxtron[®] THF+** is suitable for use in the following applications:

AGCO: Power Fluid 821, 821 XL

Allison: C-2 (Obsolete), C-3 (Obsolete), and C-4

Case-IH: Hy-Tran[®], Hy-Tran[®] Plus, Hy-Tran[®] Ultra, MAT-3505, MS-1210, 1209, 1207, 1206, JIC144/145, Power PRF

Caterpillar: MTO

Deutz/Allis: Power Fluid 821

Ford: M2C-34 A,B,C,D, M2C-41B, M2C-53 A,B, M2C-86B, MAT-3525

Hesston/Fiat: Olio fiat Tutela Multi-F

John Deere: Hy-Gard J20 C/A, JD 303, J14 C/B

Kobata: Kobota UDT Fluid, Transdraulic Fluid

Massey Ferguson: M-1145, 1143, Permatran III, MF-1127A/B, MF1129A

Steiger: Hydraulic/Transmission Fluid 17001

Versatile: HyGear Fluid, Specification 23

White/Oliver/MM: AG ONE, Universal Fluid, Type 55, Q-1826 HTF

Property	Typical Result
SAE Grade (approximate)	5W-30
API Gravity/Density lbs/gal	33.5/7.14
Viscosity, cSt @ 40°C (SSU)	40.8 (191)
Viscosity, cSt @ 100°C (SSU)-	9.7 (58)
Viscosity Index	234
Pour Point, °F (°C)	-54 (-48)
Brookfield Viscosity, cP @ -20 °C	2300
Brookfield Viscosity, cP @ -40 °C	29000
Foam Test ASTM D892	Pass
DKA Oxidation Test	Pass
Seal Compatibility	Pass
OEM Shear Stability	Pass
API Gear Performance	GL-4
Color	Blue

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 safety data sheet is available by calling 1-651-355-8438 or visit www.cenex.com.