



Biomax THF

Vegetable Oil Blend Tractor Hydraulic Fluid and Hydrostatic Transmission Fluid

General Description

Biomax THF is a multifunctional type fluid formulated specifically for tractors using a centralized system to lubricate the transmission differential, wet brake, power steering and hydraulics.

Biomax THF is a new formulation made with a vegetable oil blend designed for superior biodegradability when compared to conventional tractor hydraulic fluids.

Biomax THF has excellent flow and lubrication properties at both low temperature and high temperature operations along with excellent lubricity and anti-wear performance.

Features and Benefits

- **Biodegradability:** Biomax THF has 56% better biodegradability than conventional tractor hydraulic fluids.
- **All Temperature Performance:** Biomax THF has excellent flow and lubrication properties at both low temperature and high temperature operations.
- **Chatter Free:** Outstanding frictional properties reduce the annoyance and damage caused by wet brake chatter.
- **Compatibility:** Biomax THF can be blended with other tractor hydraulic fluids.
- **Protection:** Biomax THF provides excellent lubricity that will protect gears, pumps and other parts from wear due to high loads, therefore, extending equipment life.

Expect Superior Performance In

- All brands of tractors that have a common sump for the transmission, hydraulics, differential and wet brake system.
- Applications where Biodegradable fluid is needed for Hydrostatic Transmissions.

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Biomax THF - May be used in tractor hydraulic systems or hydrostatic drives where the following are called for:

AGCO: Power Fluid 821, 821XL

Allison: C-2 or C-3

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

Deutz/Allis: Power Fluid 821

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

Hesston/Fiat: Olio fiat Tutela Multi-F

John Deere: Hy-Gard; J20A, B, C & D; J14B&C; Quatro®

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

Typical Specifications

Viscosity cSt @ 100°C (SUS) cSt @ 40°C (SUS)	9.4 (58) 50.5 (240)
Viscosity Index	172
Brookfield Viscosity, cP @ °C	3,300 @ -20 26,000 @ -35
Pour Point, °C (°F)	-45 (-49)
API Gravity / lbs./gal.	29.1 / 7.34
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 safety data sheet is available by calling 1-651-355-8438 or visit cenex.com/sds-library.