

# Biomax THF

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## 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, 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

**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

### 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 [www.cenex.com](http://www.cenex.com).