



marine products

1000 THF



Description

1000 THF is a high quality, multifunctional tractor hydraulic fluid, specially formulated for use in transmissions, final drives, wet brakes, and hydraulic systems of tractors and other equipment employing a common fluid reservoir. It is also a great choice for wet brake transaxles in off-road equipment. This type of fluid is also referred to as Universal Tractor Transmission Oil (UTTO). It is formulated using highly refined base oils, a viscosity index improver, oxidation and corrosion inhibitors, anti-wear and film strength additives, an antifoaming agent, and a pour point depressant. Its distinctive orange colour allows for easy product identification and leak detection.

1000 THF replaces the former product Textran TDH Premium.

Typical Characteristics

MPID	219920
Density at 15°C, kg/l	0.87
Flash point COC, °C	235
Pour point, °C	-42
Kinematic viscosity at 40°C, mm ² /s	59.0
Kinematic viscosity at 100°C, mm ² /s	9.3
Viscosity Index	145

Recommended Applications

1000 THF meets the needs of modern tractors for a multi-functional lubricant. It is designed for many uses, such as lubrication of the transmission and final drive, and also serves as a hydraulic fluid to operate power steering units, brakes, implements, and attachments. It is formulated to suppress brake "chatter" and excessive brake facing wear. It offers smooth operation of clutch packs and wet brakes, offers good shifting action, aims to provide exceptional rust and corrosion protection for vital parts, and minimizes leakage because of good compatibility with seals, O-rings, and packing materials.

It helps prevent sludge and varnish formation, helps to protect metal surfaces against scuffing and wear, and provides good lubrication for spur, helical, and spiral bevel final drive gears. 1000 THF is compatible with equipment manufacturer's proprietary fluids and other fluids of this type.

1000 THF Is Approved For:

- Volvo** 97303 [WB 101]
- ZF** TE-ML 03E / TE-ML 05F / TE-ML 17E / TE-ML 21F

1000 THF Is Suitable For Use In:

- Deck cranes/deck machinery applications**
Hydralift/TTS, Norsafe



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1000 THF Meets The Requirements Of:

- ✓ **ABB Dodge** Controlled start-up transmissions
- ✓ **Non-hypoid API GL-4 applications** (under low-speed high-torque conditions)
- ✓ **Hitachi** Mid-sized wheel loader axle applications, transfer case and hydraulics
- ✓ **AGCO** improved power fluid 821XL
- ✓ **Case Corporation** JIC-143/JIC-145/MS 1206/MS 1207/MS 1209/MS 1210 (TCH)
- ✓ **Case New Holland** MAT 3505/MAT 3525
- ✓ **Caterpillar** TO-2

- ✓ **Ford New Holland** ESN-M2C134-D/FNHA-2-C-201
- ✓ **International Harvester** B6
- ✓ **John Deere** JDM J20C **Kubota** UDT
- ✓ **Massey Ferguson** M1135/M1141/M1143/M1145
- ✓ **Minneapolis-Moline** Q-1722/Q-1766/Q-1766B
- ✓ **Oliver** Q-1705
- ✓ **Renk Doromat** 874A/874B
- ✓ **White Farm Equipment** Q-1826

Performance Benefits**1. Long Equipment Life**

Special additives help to protect metal surfaces against scuffing and wear even under severe operating conditions, which helps to maximize equipment life.

2. Smooth Operation

Formulated to suppress brake “chatter” and transmission “slip” for quiet and efficient action of brakes and transmission.

3. Low Inventory Cost

One fluid does the job of a full range of tractor hydraulic systems. It can be used to replace multiple products and free up shelf space too.

4. Reliable Operation

Formulation helps keep metal parts clean and free of varnish and sludge deposits that could result in premature breakdown.

5. Minimizing Weather And Storage Concerns

Aims to protect against rust and corrosion of highly finished precision parts when operating in humid conditions and during seasonal shutdown periods.

6. Minimal Downtime

Good compatibility with seals, O-rings, and packing materials maintains their good condition and helps to keep leakage at a minimum.



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