Customer benefits

Low operating costs
1000 THF meets or exceeds fluid performance requirements of most OEM’s, maintaining efficiency and reliability while minimizing overall operating costs.

Long equipment life
Special additives protect metal surfaces against scuffing and wear even under severe operating conditions leading to maximum equipment life.

Low inventory cost
One fluid does the job of a full range of tractor hydraulic systems. Can replace multiple products and free up shelf space too!

Minimizing weather and storage concerns
Protects against rust and corrosion of highly finished precision parts when operating in humid conditions and during seasonal shutdown periods.

Minimal downtime
Good compatibility with seals, O-rings, and packing materials maintains their good condition and keeps leakage at a minimum.

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

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

Applications
1000 THF is recommended for use:
• as a multifunctional fluid in many types of farm tractors and equipment.
• in non-hypoid API GL-4 applications.
• Hitachi mid-sized wheel loader axle applications, transfer case and hydraulics
• ABB Dodge - controlled startup transmissions

Product features:
• 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.
• 1000 THF is formulated with highly refined base stocks, a viscosity index improver, oxidation and corrosion inhibitors, antiwear and film strength additives, an antifoaming agent, and a pour point depressant.
• 1000 THF is formulated to suppress brake “chatter” and excessive brake facing wear. It offers smooth operation of clutch packs and wet brakes, provides excellent shifting action, provides exceptional rust and corrosion protection for vital parts, and minimizes leakage because of good compatibility with seals, O-rings, and packing materials.
• 1000 THF helps prevent sludge and varnish formation, protects metal surfaces against scuffing and wear, and provides outstanding lubrication for spur, helical, and spiral bevel final drive gears.
Typical key properties

<table>
<thead>
<tr>
<th>1000 THF</th>
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<tr>
<td><strong>Product Code</strong></td>
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<tr>
<td><strong>Pour Point, °C</strong></td>
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<tr>
<td><strong>Viscosity, Brookfield</strong>&lt;br&gt;cP @ -35°C</td>
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<tr>
<td><strong>Viscosity, Kinematic</strong>&lt;br&gt;cSt @ 40°C</td>
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<td><strong>Viscosity Index</strong></td>
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<td><strong>Flash Point, °C</strong></td>
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<td><strong>API Gravity</strong></td>
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<td><strong>Color</strong></td>
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In applications which call for the following OEM lubricant specifications:

- AGCO — improved power fluid 821XL
- Case Corporation — JIC-143, JIC-145, MS 1206, MS 1207, MS 1209, MS 1210 (TCH)
- Case New Holland — MAT 3525, MAT 3505
- Ford ESEN-M2C86-B; Ford New Holland — ESN-M2C134-D, FNHA 2 C 201
- Caterpillar TO-2 • International Harvester B6
- John Deere — J20C • Kubota UDT
- Oliver — Q-1705 • Renk Doromat — 874A and 874B
- Volvo 97303 (WB 101) • White Farm Equipment — Q-1826
- Massey Ferguson — M1135, M1141, M1143, M1145
- Minneapolis-Moline — Q-1766, Q-1722, Q-1766B
- ZF TE-ML 03E, 05F, 06K, 17E, 21F (ZF approval number ZF000100)
- Ford New Holland ESEN-M2C86-B

1000 THF is also an excellent hydraulic fluid for many types of hydraulic systems requiring an antiwear hydraulic fluid in this viscosity range. It passes the High Pressure Vane Pump Test, ASTM D2882, with less than 15 mg steel weight loss.