



# CHEVRON 1000 THF

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## PRODUCT DESCRIPTION

Chevron 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.

## CUSTOMER BENEFITS

Chevron 1000 THF delivers value through:

- **Low operating costs** — Chevron 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.
- **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.
- **Fast service time** — Orange color helps identify origin point of incidental leaks for easy detection and quick remedy.

## FEATURES

Chevron 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 formulated with highly refined base stocks, a viscosity index improver, oxidation and corrosion inhibitors, antiwear, friction modifiers, an antifoaming agent, and a pour point depressant.

Its distinctive orange color allows for easy product identification and leak detection.

Chevron 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 serves as a hydraulic fluid to operate power steering units, brakes, implements, and attachments.

Chevron 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.

It 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.

Chevron 1000 THF is compatible with equipment manufacturer's proprietary fluids and other fluids of this type.

Product(s) manufactured in the USA, Colombia and El Salvador.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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## APPLICATIONS

Chevron 1000 THF meets requirements by Hitachi for aftermarket use and is recommended for use in its Rigid Dump Trucks (model codes EH3500AC-3, EH4000AC-3 & EH5000AC-3).

It is also recommended for use:

- in ABB Dodge controlled start-up transmissions
- in non-hypoid API GL-4 applications
- in Hitachi mid-sized wheel loader axle applications, transfer case and hydraulics
- as a multifunctional fluid in many types of farm tractors and equipment
- in applications which call for the following OEM lubricant specifications:
  - **AGCO** — 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, MAT 3540\*
  - **Caterpillar** TO-2<sup>1</sup>
  - **Ford New Holland** — ESN-M2C134-D, FNHA 2 C 201.00
  - **International Harvester** B6
  - **John Deere** — JDM J20C
  - **Kubota** UDT
  - **Massey Ferguson** — M1135<sup>1</sup>, M1141, M1143, M1145
  - **Minneapolis-Moline** — Q-1722<sup>1</sup>, Q-1766<sup>1</sup>, Q-1766B<sup>1</sup>
  - **Oliver** — Q-1705<sup>1</sup>
  - **Renk Dromat** — 874A<sup>1</sup> and 874B<sup>1</sup>
  - **Volvo** 97303 (WB 101)
  - **White Farm Equipment** — Q-1826<sup>1</sup>
  - **ZF** — TE-ML 03E, TE-ML 05F, TE-ML 17E, TE-ML 21F

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

<sup>1</sup> Caution: Some of the specifications are no longer deemed active by the original equipment manufacturer. Significant harm to the transmission, hydraulic system, seals, final drive or axles is possible when using this product in applications in which it is not intended.

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

## TYPICAL TEST DATA

<i>Product Number</i>		226606
<i>SDS Number</i>		
USA		7648
Colombia		33702
El Salvador		33703
API Gravity	ASTM D1298	30.5
Density @ 15°C, g/L	ASTM D4052	0.8656
Viscosity Index	ASTM D2270	145
Viscosity, Kinematic		
cSt at 40°C	ASTM	58.4
cSt at 100°C	D445	9.5
Viscosity, Saybolt		
SUS at 100°F	ASTM	271
SUS at 210°F	D2161	57.5
Viscosity, Brookfield	ASTM D2983	40,000
cP at -35°C		
Flash Point, °C(°F)	ASTM D92	235(455)
Pour Point, °C(°F)	ASTM D97	-44(-47)
Color	Visual	Orange

Minor variations in product typical test data are to be expected in normal manufacturing.

\*Suitable for use for tractors requiring Case New Holland MAT 3540, except for the following tractors built after 2012: Case IH Steiger, Quadtrac, Magnum, and New Holland T8 and T9 series.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.