



# CHEVRON SYNTHETIC ALL-WEATHER THF

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## PRODUCT DESCRIPTION

Chevron Synthetic All-Weather THF is a unique, 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 Synthetic All-Weather THF delivers value through:

- **Low operational costs** — Excellent performance in a wide range of ambient and operating temperatures provides year round improved low temperature hydraulic and transmission responsiveness.
- **Long oil life** — Outstanding ability of the base stock to withstand oxidation at high operating temperatures results in maximum service life of the oil.
- **Long equipment life** — Special additives help to protect metal surfaces against scuffing and wear even under severe operating conditions.
- **Low inventory cost** — Chevron Synthetic All-Weather THF has the potential to replace many of the other hydraulic fluids in your inventory which can significantly free up space in your warehouse and minimize your carrying cost. Always confirm that the Chevron product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.
- **Minimalized 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** — By protecting against brake "chatter" and transmission "slip" it maximizes the

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.

## FEATURES

Chevron Synthetic All-Weather THF is a unique, high quality, multifunctional fluid, specially formulated for use in transmissions, final drives, wet brakes, and hydraulic systems of tractors and other equipment employing a common fluid reservoir.

Chevron Synthetic All-Weather THF is specially designed for all weather operations and applications — both severe winter cold and extreme summer heat. It meets the requirements of both John Deere J20C and J20D specifications. This, combined with excellent oxidation stability, minimizes the need for seasonal oil changes.

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

## FUNCTIONS

Chevron Synthetic All-Weather THF is a combination lubricant for modern tractors and similar equipment. It performs many functions, 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 Synthetic All-Weather THF has a viscosity index much higher than conventional multifunctional transmission/hydraulic fluids. This provides excellent flow at low temperatures and good oil film protection at high operating temperatures.

Furthermore, Chevron Synthetic All-Weather THF:

- minimizes brake "chatter" and excessive brake facing wear
- assists with the smooth operation of clutch packs and wet brakes

Product(s) manufactured in the USA.

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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- provides excellent shifting action
- provides rust and corrosion protection for vital parts
- minimizes leakage because of good compatibility with seals, O-rings, and packing materials
- minimizes sludge and varnish formation
- protects metal surfaces against scuffing and wear
- provides excellent gear lubrication compared to conventional cold weather, low viscosity tractor hydraulic fluids
- allows for ready leak detection because of its distinctive orange color.

Chevron Synthetic All-Weather THF is compatible with many combination tractor, transmission, and hydraulic fluids.

## APPLICATIONS

Chevron Synthetic All-Weather THF is recommended for use:

- as a multifunctional and multi-seasonal fluid in many types of tractors and construction equipment.
- in applications which call for the following OEM lubricant specifications:
  - **AGCO** improved power fluid 821XL
  - **Case IH** JIC-143, JIC-144, JIC-145, MS 1206, MS 1207, MS 1209, MS 1210 (TCH)
  - **Caterpillar** TO-2
  - **Ford New Holland** ESN-M2C134-D, FNHA-2-C-201, FNHA-2-C-200
  - **International Harvester** B6
  - **John Deere** J20C, J20D
  - **Kubota** UDT
  - **Massey Ferguson** M1135, M1141, M1127, M1129A, M1143, M1145
  - **Minneapolis-Moline** Q-1766, Q-1722, Q-1766B
  - **Oliver** Q-1705
  - **Renk Dornat** 874A and 874B
  - **Volvo** WB-101
  - **White Farm Equipment** Q-1826

Chevron Synthetic All-Weather THF is an excellent hydraulic fluid for many types of tractor hydraulic systems. It passes the High Pressure Vane Pump Test, ASTM D2882, with less than 15 mg steel weight loss.

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>                               | 255237      |
| <i>SDS Number</i>                                   | 6948        |
| API Gravity   | 34.5        |
| Viscosity, Kinematic<br>cSt at 40°C<br>cSt at 100°C | 44.7<br>9.5 |
| Viscosity, Saybolt<br>SUS at 100°F<br>SUS at 210°F  | 225<br>58.2 |
| Viscosity, Brookfield<br>cP at -40°C                | 17,000      |
| Viscosity Index                                     | 204         |
| Flash Point, °C(°F)                                 | 242(468)    |
| Pour Point, °C(°F)                                  | -45(-49)    |
| Color   | Orange      |

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

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.

