



CHEVRON SYNTHETIC ALL-WEATHER THF

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

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

1 April 2021
TTF-45

© 2006-2021 Chevron U.S.A. Inc. All rights reserved.

Chevron and the Chevron Hallmark are trademarks owned by Chevron Intellectual Property LLC. All other trademarks are property of their respective owners.

- assists with the smooth operation of clutch packs and wet brakes
- 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** power fluid 821XL
 - **Case Corporation** JIC-143, JIC-145, MS 1206, MS 1207, MS 1209, MS 1210 (TCH)
 - **Caterpillar** TO-2*
 - **Ford New Holland** ESN-M2C134-D, FNHA-2-C-200.00, FNHA-2-C-201.00
 - **International Harvester** B6
 - **John Deere** JDM J20C, JDM J20D
 - **Kubota** UDT
 - **Massey Ferguson** M1127*, M1129A*, M1135*, M1141, M1143, M1145
 - **Minneapolis-Moline** Q-1722*, Q-1766*, Q-1766B*
 - **Oliver** Q-1705*
 - **Renk Doromat** 874A* and 874B*
 - **Volvo** 97303 (WB-101)
 - **White Farm Equipment** Q-1826*

* 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.

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	ASTM D1298	34.5
Density at 15°C, kg/L	ASTM D4052	0.8613
Viscosity Index	ASTM D2770	204
Viscosity, Kinematic cSt at 40°C cSt at 100°C	ASTM D445	44.7 9.6
Viscosity, Saybolt SUS at 100°F SUS at 210°F	ASTM D2161	208 57.8
Viscosity, Brookfield cP at -40°C	ASTM D2983	17,000
Flash Point, °C(°F)	ASTM D92	242(468)
Pour Point, °C(°F)	ASTM D97	-50(-58)
Color	Visual	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.

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.

1 April 2021
TTF-45