



# DELO<sup>®</sup> SYN-THF XC ISOCLEAN<sup>®</sup> CERTIFIED LUBRICANT

## PRODUCT DESCRIPTION

Delo<sup>®</sup> Syn-THF XC ISOCLEAN<sup>®</sup> Certified Lubricant is a high performance synthetic wet brake transaxle fluid designed for applications where a Volvo WB102 fluid is required. Delo Syn-THF XC ISOCLEAN Certified Lubricant is formulated with a high performance synthetic base fluid, in combination with a specially optimized additive system. Chevron ISOCLEAN Certified Lubricants have been certified to meet specified ISO Cleanliness standards at point of delivery using industry leading filtration and testing technology. ISOCLEAN Certified products are the first step for contamination control and maximizing component life.



## CUSTOMER BENEFITS

Delo Syn-THF XC ISOCLEAN Certified Lubricant delivers value through:

- **Ready to use** — Enables users to meet stringent original equipment manufacturers' cleanliness standards for fill lubricants.
- **Flexibility** — ISO Cleanliness targets can be customized to fit your business application needs.
- **Peace of mind** — Each delivery of Chevron ISOCLEAN Certified Lubricant includes an ISOCLEAN Certificate of Analysis.
- **OE fluid cleanliness requirements** — Customized to meet specific equipment manufacturers' fluid cleanliness requirements.
- **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** — Delo Syn-THF XC 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.

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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TTF-30 ISOCLEAN

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## FEATURES

Delo® Syn-THF XC ISOCLEAN® Certified Lubricant is formulated with ISOSYN® Advanced Technology, which is the combination of Chevron's industry leading formulating expertise with unique, high performance additive chemistry to help extend the durability of your critical diesel engine parts.

Delo Syn-THF XC ISOCLEAN Certified Lubricant is specially designed for all weather operations and applications — both severe winter cold and extreme summer heat. 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

Delo Syn-THF XC ISOCLEAN Certified Lubricant 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.

Delo Syn-THF XC ISOCLEAN Certified Lubricant 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, Delo Syn-THF XC ISOCLEAN Certified Lubricant:

- minimizes brake "chatter" and excessive brake facing wear
- 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.



Delo Syn-THF XC ISOCLEAN Certified Lubricant is compatible with many combination tractor, transmission, and hydraulic fluids.

## APPLICATIONS

Delo Syn-THF XC ISOCLEAN Certified Lubricant is approved for **Volvo** 97304 (WB102) and can be used in applications requiring 97303 (WB101).

Delo Syn-THF XC ISOCLEAN Certified Lubricant 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 International** JIC-143, JIC-145, MS 1206, MS 1207, MS 1209, MS 1210 (TCH)
  - **Case New Holland** MAT 3525
  - **Ford New Holland** ESN-M2C134-D, FNHA-2-C-200, FNHA-2-C-201
  - **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
  - **White Farm Equipment** Q-1826

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.

Consult with your Chevron Lubricant Representative or Chevron ISOCLEAN Certified Lubricants Marketer to set specific ISO Cleanliness targets for your business application.

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## TYPICAL TEST DATA

	Test Method	
Product Number		278107
SDS Number		56881
API Gravity	ASTM D1298	33.4
Density at 15°C, kg/L	ASTM D4052	0.8571
Viscosity Index	ASTM D2770	167
Viscosity, Kinematic cSt at 40°C cSt at 100°C	ASTM D445	38.5 7.5
Viscosity, Saybolt SUS at 100°F SUS at 210°F	ASTM D2161	180 50.8
Viscosity, Brookfield cP at -40°C	ASTM D2983	16,180
Flash Point, °C(°F)	ASTM D92	226(439)
Pour Point, °C(°F)	ASTM D97	-48(-54)
Color	Visual	Orange

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

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