



CHEVRON ARCTIC DRIVE TRAIN FLUID

PRODUCT DESCRIPTION

Chevron Arctic Drive Train Fluid is a high performance fully synthetic lubricant designed for use in transmissions, final drives, and hydraulic systems requiring fluid meeting Caterpillar TO-4 requirements.

CUSTOMER BENEFITS

Chevron Arctic Drive Train Fluid delivers value through:

- **Long equipment life** — Special additives protect metal surfaces against scuffing and wear even under operating conditions of high temperature and high load.
- **Smooth operation** — Excellent frictional control helps prevent clutch slippage and assures quiet and efficient action of transmission and brakes while minimizing wear.
- **Arctic Performance** — Good starting ability of engines in arctic/sub-zero conditions.
- **Minimal downtime** — Good compatibility with seals, O-rings, and packing materials maintains their good condition and keeps leakage at a minimum.
- **Long oil life** — Outstanding ability of the synthetic base stock to withstand oxidation at high operating temperatures resulting in long service life for the oil.
- **Reliable operation** — Formulation helps keep metal parts clean and free of varnish and sludge deposits that could result in premature breakdown.
- **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.

FEATURES

Chevron Arctic Drive Train Fluid is a high performance fully synthetic lubricant designed for use in transmissions, final drives, and hydraulic systems requiring fluid meeting Caterpillar TO-4 requirements.

Chevron Arctic Drive Train Fluid is manufactured using fully synthetic base oils, detergents, dispersants, oxidation and corrosion inhibitors, anti-wear and extreme pressure agents, and a foam suppressant.

Chevron Arctic Drive Train Fluid offers excellent friction retention, wear control, seal compatibility, oxidation stability, and viscosity stability. The frictional characteristics of the fluid are retained over the life of the lubricant.

Components are protected from wear, even under high load conditions by controlling the formation of corrosion, varnish, and sludge.

Chevron Arctic Drive Train Fluid is designed for both newly developed and older model drive train components. Chevron Arctic Drive Train Fluid provides high performance throughout the seasons, maintaining optimal stability in a wide range of ambient temperatures.

APPLICATIONS

Chevron Arctic Drive Train Fluid is recommended for use in **Caterpillar** transmissions, final drives, wet brakes, and hydraulic systems operating in arctic conditions and requiring fluid meeting **Caterpillar TO-4 requirements**.

Chevron Arctic Drive Train Fluid is not recommended for use in combined farm tractor hydraulic and transmission systems where low brake chatter is a requirement.

Chevron Arctic Drive Train Fluid meets:

- service requirements of **Caterpillar TO-4**

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.

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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TYPICAL TEST DATA

SAE Grade	5W-20
<i>Product Number</i>	293013
<i>MSDS Number</i>	26874
API Gravity	35.2
Viscosity, Kinematic cSt at 40°C cSt at 100°C	39 7.5
Viscosity, Saybolt SUS at 100°F SUS at 210°F	198 51
Viscosity, Cold Crank, °C/Poise	-30/39
Viscosity Index	163
Flash Point, °C(°F)	244(471)
Pour Point, °C(°F)	-51(-60)

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

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