



**THE
HOT
TOPIC**

**DEGRADED HEAT
TRANSFER FLUIDS
MEAN UNPLANNED
DOWNTIME AND
LOST DOLLARS.
TIME FOR A FLUID
THAT LASTS.**



AN HF SINCLAIR BRAND

HEAT TRANSFER FLUIDS HAVE A BIG IMPACT ON OPERATIONAL EFFICIENCY.

Through thermal stress and oxidation, fluids in heat transfer systems inevitably degrade, leading to deposits in the system, clogged pipes, reduced process efficiency and increased energy costs.

Heat transfer fluid change-outs mean production line shutdowns. The more frequently you need to change your heat transfer fluids, the more costly lost productivity becomes. You need a heat transfer fluid designed to last.

Petro-Canada Lubricants CALFLO™ is a proven line of heat transfer fluids designed with a blend of high-quality base fluids or synthetic polyalphaolefin base oils to resist thermal and oxidative stresses, perform in all applications (including extreme cold environments and high bulk temperatures), and meet your health and safety needs.



CALFLO™ HTF **FOR HIGHER BULK** **TEMPERATURES**

- Premium high-temperature heat transfer fluid for long life in systems with bulk temperatures up to 326°C (619°F)
- Low vapor pressure means minimal leakage

CALFLO™ AF **FOR MAXIMUM** **OXIDATION PROTECTION**

- For systems with bulk temperatures up to 316°C (600°F) where resistance to oxidation is critical
- High thermal stability and excellent cold-temperature pumpability in extreme startup conditions

CALFLO™ XR **FOR PERFORMANCE OVER AN** **EXTENDED TEMPERATURE RANGE**

- High thermal efficiency over an extended bulk fluid temperature range: -27°C (-17°F) to 288°C (550°F)
- Excellent startup and pumpability in cold temperature conditions with a pour point below -40°C (-40°F) to allow for low temperature dispensing from drums/totes

CALFLO™ SYNTHETIC **FOR EXTREME LOW-** **TEMPERATURE ENVIRONMENTS**

- Low-temperature fluidity, outstanding oxidative stability and volatility control at extreme low-temperatures down to -48°C (-55°F)
- High thermal stability for moderate bulk temperatures up to 216°C (420°F) and excellent cold-temperature pumpability in extreme startup conditions

PETRO-THERM™

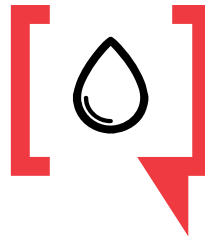
- General-purpose heat transfer fluid for use in non-pressurized, liquid phase heat transfer systems
- For bulk fluid temperatures up to 315°C (599°F)



CALFLO™ HAS YOUR SYSTEM COVERED

CALFLO™ CLEANING FLUID

- For cleaning dirty sludge and carbon deposits from heat transfer systems
- Helps restore heat transfer efficiency
- NSF HT1 registered



CALFLO™ FLUSHING FLUID

- Prepares heat transfer system for change-over by removing harmful debris, used fluids and system cleaners
- Helps prepare change-out for a more efficient system
- Helps minimize the contaminants in your new fluids



LEARN MORE, READ OUR WHITE PAPER

“Prolong the useful life of heat transfer fluids in liquid-phase systems.”

PCLHotTopic.com



OUR NO-NONSENSE LUBRICANTS **WARRANTY**

We will repair equipment or replace equipment parts that are damaged due to defects of a Petro-Canada Lubricants product, as long as the lubricant is used in accordance with your equipment manufacturer's and our recommendations.

IT'S MORE THAN JUST A WARRANTY. IT'S A COMMITMENT.

To learn more about how Petro-Canada Lubricants products can help your business, visit petrocanadalubricants.com or contact us at lubecsr@hfsinclair.com

Committed to the disciplined operation of our business.



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LUB4023E (2024.03)

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