



CHEVRON HTF P-200

PRODUCT DESCRIPTION

Chevron HTF P-200 is a single phase, silicate free, propylene glycol (USP) based heat transfer fluid concentrate.

CUSTOMER BENEFITS

Chevron HTF P-200 delivers value through:

- Meeting the requirements of the U.S. Department of Agriculture (USDA) for use in the immersion or spray freezing equipment of packaged poultry or wrapped meat under the Federal Meat and Poultry Products Inspection Program.
- Silicate free formulation that reduces deposits on heat transfer surfaces.
- Providing corrosion protection to heat transfer metals including solder, steel, cast iron, aluminum, and other metals commonly found in industrial cooling and heating systems.
- Inclusion of a foam inhibitor to minimize foaming in use.
- Readily biodegradable in its pure unused form.

FEATURES

Chevron HTF P-200 is a multi-purpose heat transfer fluid formulated with USP propylene glycol.

The Chevron HTF P-200 formulation is free of nitrites, amines and silicates. Extensive laboratory simulated service and actual service tests have proven the effectiveness of this coolant in helping to prevent corrosion.

Chevron HTF P-200 is storage stable for at least 5 years and mixes easily with clean water.

Chevron HTF P-200 is colorless and contains no dyes.

Chevron HTF P-200 is a concentrate and must be mixed with water before use. A 50/50 dilution of Chevron HTF P-200 and water is recommended for maximum corrosion protection.

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

19 December 2013
COOL-70

© 2008-2012 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.

APPLICATIONS

- Chevron HTF P-200 is an inhibited propylene glycol (USP) based concentrate product meeting the requirements of the U.S. Department of Agriculture (USDA) for use in the immersion or spray freezing equipment of packaged poultry or wrapped meat under the Federal Meat and Poultry Products Inspection Program.

- Recommended for use in industrial cooling and heating systems that require an NSF approved product.

In non-USDA applications, Chevron HTF P-200 may be used in applications where incidental contact with food is possible. This product is not intended for use as a food component or additive.

- **NSF** registered HT1

PRODUCT DILUTION AND BOIL OVER PROTECTION RECOMMENDATIONS FOR CHEVRON HTF P-200

Boiling Protection, °C/°F (15 lb pressure cap) 50% (1 part antifreeze/1 part water)	126.7/260
Freezing Protection, °C/°F 30% (3 parts antifreeze/7 parts water) 40% (2 parts antifreeze/3 parts water) 50% (1 parts antifreeze/1 part water) 60% (3 parts antifreeze/2 parts water)	-13.9/+7 -21.6/-7 -32.7/-27 -56.7/-70

Notes

- For optimum year round protection against freezing, boiling and corrosion, a 50 percent Chevron HTF P-200 solution (1 part antifreeze/1 part water) is recommended.
- For maximum protection against freezing in extremely cold areas, a 60 percent solution (3 parts antifreeze/2 parts water) can be used. Concentrations greater than 67 percent are not recommended.
- Always dispose of used coolant in accordance with local, state and federal guidelines.

PRODUCT REFERENCE

Product Number 227047
MSDS Number 12147
Chevron HTF P-200

TYPICAL TEST DATA

Appearance	Clear
Specific gravity 60/60°C	1.038
Freezing point, °C(°F) ^a , ASTM D1177	-33(-27)
pH ^b , ASTM D1287	10.0
Reserve alkalinity ^c , ASTM D1121	12.0
Silicate, % ^d	None

- a 50 vol % aqueous solution.
b 1:2 dilution with water.
c As received.
d As anhydrous alkali metasilicate.

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.