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The purest heat transfer fluid in the industry in the perfect package for your needs.

DOWFROST™ propylene glycol heat transfer fluids provide the best freeze protection and corrosion resistance available in the specialized packages you need.

DOWFROST™ is an industry leader for dependable, long-lasting freeze protection and corrosion resistance. DOWFROST fluids are formulated specifically to provide optimum performance in HVAC systems and other applications season after season, year after year. Providing an operation temperature range of -50°F to 250°F (-46°C to 121°C) and solutions in water provide freeze protection to below -60°F (-51°C) and burst protection to below -100°F (-73°C).



Freezing Point

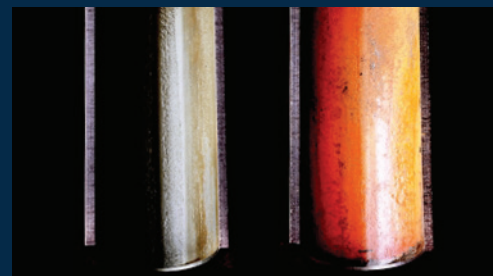
°F °C

Vol% DOWFROST™ Heat Transfer Fluid

9.2	-12.7	30
3.9	-15.6	35
-4.2	-20.1	40
-13.9	-25.5	45
-23.1	-30.6	50
-36.7	-38.2	55
-52.7	-47.1	60
-59.9	-51.1	65
b	b	70
b	b	75
b	b	80
b	b	85
b	b	90
b	b	95
b	b	100

b – Freezing points are below -60°F (-51°C).

NOTE: Generally, for an extended margin of protection, you should select a temperature in this table that is at least 5°F (3°C) lower than the expected lowest ambient temperature. Inhibitor levels in glycol solutions less than 25–30% may not provide adequate corrosion protection. Solutions of glycol less than 25% may be at risk for bacterial contamination.



DOWFROST™

Uninhibited
propylene glycol

The best corrosion protection

Corrosion protection is extremely important in maintaining the operating efficiency of HVAC systems or other applications. The special inhibitors in DOWFROST™ fluids have been developed to passivate the surface of metals in HVAC systems and to minimize corrosion by buffering organic acids that form during normal operation.

*Pictured results based on air bubbling at ambient temperature-3 weeks; Schedule 40 steel pipe, 2" dia.: 30% glycol in deionized water.

DOWFROST™ – The only inhibited glycol made with PuraGuard™

DOWFROST™ Heat Transfer Fluid is the only inhibited glycol made with DOW PuraGuard™ Propylene Glycol USP/EP, a pharmaceutical grade of monopropylene glycol with specified purity greater than 99.8%. You can count on a consistent formulation to provide reliable, long-lasting protection and performance.

Competitor products are often made from recycled or industrial grade glycols, or from glycols derived from bio-renewable sources. These glycols typically do not meet USP specifications as they contain significant amounts of impurities like ethylene glycol or diethylene

glycol, which at certain levels affect toxicity. They also may contain certain other impurities, such as dioxolanes which impart strong odors and cause excessive foam.

A fluid containing more impurities than DOWFROST™ Heat Transfer Fluid will reach the end of its useful life sooner as inhibitors become overwhelmed by corrosion and it must be replaced. A great way to prolong fluid lifetime and to lower your cost of ownership, is to use a heat transfer fluid made with a high purity propylene glycol.

Product Number

Product Name

NSF Registration Number

159595	DOWFROST™ Heat Transfer Fluid	159595
159588	DOWFROST™ PRO – BLUE	159588
159587	DOWFROST™ Heat Transfer Fluid – BLUE	159587
159567	DOWFROST™ PRO	159567
159568	DOWFROST™ SELECT 30	159568
159569	DOWFROST™ SELECT 35	159569
159569	DOWFROST™ SELECT 40	159570
159569	DOWFROST™ SELECT 45	159571
159569	DOWFROST™ SELECT 50	159572

The Family of DOWFROST™ Heat Transfer Fluids delivers optimum performance and economy for your application

- Made with DOW PuraGuard™, a pharmaceutical grade of monopropylene glycol with specified purity greater than 99.8% - no competitor can match our purity.
- DOWFROST™ is Formulated with food grade corrosion inhibitors to allow the use in applications where contact with food or beverage products could occur.
- DOWFROST™ HD contains supplemental, non-food grade additives and can be used at higher temperatures and in more stressful conditions.
- Corrosion resistant inhibitors prolong fluid lifetime and lower the cost of ownership.
- Excellent for use with HVAC-R/Plumbing applications, Geothermal, Food and Beverage, and Pharmaceutical applications.