



KOSTCHILL™ PG XL

No matter the heating and cooling needs, KOST® USA's family of glycol-based heat transfer fluids offers a solution that will exceed your requirements.

At KOST® USA, we can customize products to meet all engineering requirements where glycol-based products are required.

It's more than business...
It's personal.

KOST® USA, Inc. is the largest family-founded manufacturer, supplier, and marketer of antifreeze and functional fluids in the United States. Founded in 1985, our headquarters and manufacturing facility is strategically located in Cincinnati, Ohio. We build our customers' brands and our brands through high-performance products and superior service. Committed to quality, KOST USA is ISO 9001:2015 Certified, ASTM Standards Lab, Global Sourcing, NSF, GHS, and FM Approved.



KOSTChill™ PG XL

Heat Transfer Fluid is a fully-formulated inhibited propylene glycol based heat transfer fluid containing a corrosion inhibitor package that is designed to protect copper, brass, steel, cast iron, aluminum and solder from corrosion in a wide variety of applications, over a long, extended period of time. These applications include but are not limited to computer cooling, heating, ventilating and air conditioning (HVAC) applications. In general the proprietary formulation used in KOSTChill™ PG XL Heat Transfer Fluid provides long life performance in that the inhibitor package depletes very little over time when used as designed.

- Up to 8 years when maintained as per equipment manufacturer directions
- Limited maintenance requirements-just needs periodic check for pH and glycol/water content.
- Product protects aluminum, brass, copper, cast iron, solder and steel against corrosion.
- Product is free of 2-EHA (2-ethylhexanoic acid), amine, borate, nitrate, nitrite and silicate.
- Product is designed to be more environmentally friendly thru advanced fluid formulation reducing the toxicity of the fluid when compared to similar products

TYPICAL PROPERTIES	KOSTChill™ PG XL Concentrate	KOSTChill™ PG XL 25/75
Propylene Glycol, % Weight	86%	25%
Corrosion Inhibitors and Water, % Weight	14%	75%
Color	Florescent Green	Florescent Green
ASTM Corrosion Specification	D8039	D8039*
pH of Solution	Refer to dilution**	8.3
Pounds per Gallon	8.84	8.57
Boil Point	Refer to dilution	214°F (101°C)
Freeze Point	Refer to dilution	15°F (-9°C)

*ASTM D8039 specification states that Heat Transfer Fluids must contain 30% or more glycol content; fluids not meeting the ASTM specified amount are tested as is using ASTM D8040 and ASTM D1881 and held to the same corrosion and foam control protection specifications stated in the standard. **pH of Concentrate cannot be accurately measured due to the lack of water needed to obtain a reliable pH measurement. When diluting any KOSTChill products, it is recommended that RO or distilled water is used.

SHIPPING INFORMATION Slight changes to the weight of our packaging materials may effect the gross weight of our finished goods.

Part Number	Bulk Drum	12674 12716	12675 12715
UPC Code	Drum	652138102653	652138102646
Gross Container Weight	Drum	507#	493#
Gross Pallet Weight	Drum	2090#	2033#
Quantity Per Pallet	Drum	4	4
Volume Per Package	Drum	55 Gallons	55 Gallons
Package Dimensions	Drum	23.5"D x 34.5"H	23.5"D x 34.5"H
Pallet Dimensions	Drum	48" x 48" x 39.5"	48" x 48" x 39.5"

Gallons (Liters) of Concentrate		Total System Gallons (Liters)	Volume PG XL Concentrate	Boil Protection	Freeze Protection	Burst Protection
5.75 G (21.9 L)	Per	10 G (37.85 L)	50/50	217° F	-24° F	-95° F
4.63 G (17.4 L)	Per	10 G (37.85 L)	40/60	216° F	-3° F	< -60° F
3.50 G (13.2 L)	Per	10 G (37.85 L)	30/70	215° F	10° F	-14° F
2.86 G (2.9 L)	Per	10 G (37.85 L)	25/75	214° F	15° F	0° F

All reasonable care has been taken to ensure that the information herein is accurate as of the date of printing. Freedom to use any patent owned by KOST® USA, Inc. or others is not to be inferred from any statement contained herein. The test results listed are typical properties only. Formula and blending changes may result in slight color and appearance changes. SDS can be found at kostusa.com



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