



KOSTCHILL™ EG HD Heat Transfer Fluid

KOSTChill™ Heat Transfer Fluids have been instilled in the following systems:

- Soldier Field
- Busch Stadium
- Duke Power Plants
- Sam Adams Brewery
- Nutra Sweet
- Coca-Cola
- Daisy Foods
- Smuckers
- Hollywood Casino
- Meijer Food
- Wegman's Food
- Arnold Air Force Base
- U.S. Dept of Defense
- Cincinnati Union Terminal
- US Army Facilities
- Kraft/Heinz Plants
- PepsiCo
- Nestle
- Facebook Data Centers

KOSTChill™ EG HD

A fully formulated virgin ethylene glycol based heat transfer fluid containing an inhibitor and additive package that controls the corrosion of metals; helps prevent scaling and the fouling of heat transfer surfaces, and buffers the pH to maintain it in the optimum operating range. KOSTChill™ EG HD was explicitly designed for use in heavy-duty industrial applications, such as heating and cooling systems in refineries and chemical plants. It has a recommended operating temperature range of -60° F to 350° F when mixed with appropriate water concentrations. It provides both freeze and burst protection for systems exposed to low temperatures.

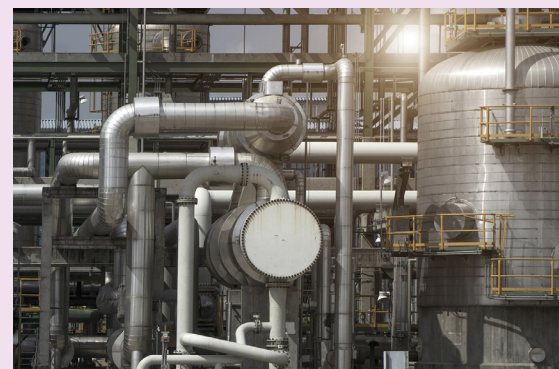
Benefits:

- Fluid is dyed fluorescent pink for leak detection purposes
- Meets the Heat Transfer fluid ASTM D8039 requirements standards for multi-metal corrosion protection and for D1881, foam tendency testing for ready-to-use heat transfer fluids
- Silicate free
- Long life fluid where extended maintenance intervals are desired
- Available in dilutions ranging from 30% to 70%
- Operating temperature of -60° F to 350° F

KOSTChill™ EG HD inhibited virgin ethylene glycol-based heat transfer fluid is manufactured with the highest quality raw materials. Each KOST® USA fluid is specially formulated with a state-of-the-art inhibitor package that prevents corrosion, which minimizes fluid expense and extends fluid life. KOSTChill fluid is silicate free and meets ASTM standards; and is available in dilutions ranging from 30% to 70% EG. Please note that we recommend diluting only with RO (reverse osmosis) or distilled water to maintain corrosion protection.

Typical Applications:

Natural Gas Pipeline Heaters
Cooling Systems for Electric Generator Engines
Chemical Plant HVAC Systems
Power Plant Combustion Air Pretreaters
Refineries
Pulp and Paper Processing HVAC Systems
Cooling for Gas Turbine Power Systems
Ground Source Heat Pumps
Computer Cooling Systems



Think of our products as
Liquid Assets.™

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-owned 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™

EG HD

Heat Transfer Fluid

TYPICAL PROPERTIES	KOSTChill™ EG HD Concentrate	KOSTChill™ EG HD 70%	KOSTChill™ EG HD 60%	KOSTChill™ EG HD 50%	KOSTChill™ EG HD 40%	KOSTChill™ EG HD 30%
Ethylene Glycol, % Weight	95%	70%	60%	50%	40%	30%
Corrosion Inhibitors and Water % Weight	5%	30%	40%	50%	60%	70%
Color	Pink	Pink	Pink	Pink	Pink	Pink
ASTM Corrosion Specification	D8039	D8039	D8039	D8039	D8039	D8039
pH of Solution	9.2-10.6	9.2-10.6	9.2-10.6	9.2-10.6	9.2-10.6	9.2-10.6
Reserve Alkalinity, ml	Refer to Dilution*	10.3 min	8.9 min	7.4 min	5.9 min	4.5 min
Pounds per Gallon (68°F)	9.42	9.21	9.11	8.99	8.86	8.73
Boiling Point °F (°C)	Refer to Dilution*	242° (116°)	230° (110°)	225° (107°)	222° (105°)	220° (104°)
Freeze Point °F (°C)	Refer to Dilution*	Below -84° (-64°)	-54° (-48°)	-34° (-36°)	-13° (-25°)	4° (-15°)

SHIPPING INFORMATION

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

Part Number	Bulk Drum Tote	10021 10023 10020	11137 11139 11138	11594 10596 11595	10026 10028 10025	11075 11825 11076	11070 11319 11069
UPC Code	Drum Tote	652138101458 652138101465	652138102240 652138102257	652138102196 652138102219	652138101380 652138101434	652138102127 652138102134	652138102080 652138102097
Gross Container Weight	Drum Tote	540# 2718#	528# 2660#	523# 2632#	516# 2600#	509# 2564#	502# 2528#
Gross Pallet Weight	Drum Tote	2193# 2718#	2147# 2660#	2125# 2632#	2099# 2600#	2070# 2564#	2042# 2528#
Quantity Per Pallet	Drum Tote	4 1					
Volume Per Package	Drum Tote	55 Gallons 275 Gallons					
Package Dimensions	Drum Tote	23.5"D x 34.5"H 49" x 40" x 46"					
Pallet Dimensions	Drum Tote	48" x 40" x 39.5" 49" x 40" x 46"					

KOSTChill™EG HD is also available in these concentrations: 35/65, 45/55, 55/45, 65/35, dilutions. *The 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.

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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