KOST USA’s 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

BioChill® PG HD
A fully formulated virgin bio-based propylene glycol 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. Used for heavy-duty applications, BioChill® PG HD has a recommended operating temperature range of -50° F to 325° F when mixed with appropriate water concentrations. It provides both freeze and burst protection for systems exposed to very low temperatures.

Benefits:
- Fluid is dyed blue-green for leak detection purposes
- Silicate free
- 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
- Available in dilutions ranging from 30% to 70%
- Significant reduction in GHG during production
- Potential LEED innovation credits
- Renewable sustainable bio-based product

BioChill® PG HD inhibited virgin bio-based propylene glycol 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. Please note that we recommend diluting only with RO (reverse osmosis) or distilled water to maintain corrosion protection.

Typical Applications:
- Solar Heating
- Chemical Processing
- Thermal Energy Storage
- HVAC Systems
- Sidewalk and Playing Field Subsurface Snow Melting
- Process Heating & Cooling
- Refrigeration Warehouse Floor Heating
- Ice Rinks
- Computer Cooling Systems
- Cooling Water for Gas Turbine Power Systems
- Boiler Systems
- Hydronic Heating or Cooling Systems
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.