

Product Data Sheet

DESCRIPTION

PRO HTF PG A fully formulated virgin propylene 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. Used for heavy-duty applications,

PRO HTF PG 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.

PERFORMANCE BENEFITS

- Fluid is dyed fluorescent pink 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 25% to 70%, a minimum of 30% to meet ASTM protection standards
- Operating temperature of -50° F to 325° F

PRO HTF PG inhibited virgin propylene glycol-based heat transfer fluid is manufactured with the highest quality raw materials. Each PRO HTF PG 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 DI water to maintain corrosion protection.

RECOMMENDED 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

Plymouth Lubricants

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TYPICAL PROPERTIES	Concentrate	Pro HTF PG 70	Pro HTF PG 60	Pro HTF PG 50	Pro HTF PG 40	Pro HTF PG 30
Propylene 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	Refer to Dilution*	9.2-10.6	9.2-10.6	9.2-10.6	9.2-10.6	2-10.6
Reserve Alkalinity, ml	14.3 min	10.3 min	8.9 min	7.4 min	5.9 min	4.5 min
Pounds per Gallon (68°F)	8.80	8.82	8.80	8.75	8.69	8.60
Boiling Point °F (°C)	Refer to Dilution	230° (110°)	225° (107°)	222° (106°)	219° (104°)	216° (102°)
Freeze Point °F (°C)	Refer to Dilution	Below -60° (-51°)	-46° (-43°)	-28° (-33°)	-7° (-22°)	(-13°)