

# ADDITIVES INC.

## Heat Transfer Fluids

Additives Inc. specializes in the development and the production of propylene and ethylene glycol-based heat transfer fluids. The use of Additives Inc. Add Paks and heat transfer fluids systems in your products and customers' systems will ensure: consistent product quality, economy, ease of blending corrosion prevention, long-life dependability, and minimization of laboratory time and expense. Our chemists have developed a variety of stand-alone Add Paks for: glycol-based heat transfer fluids, glycol-based safety hydraulic fluids, and alkylate-based high-temperature fluids. We can adjust formulations to meet your specific needs for performance enhancing additives, in both light- and heavy-duty systems.

## Quality Control

Each individual batch of heat transfer fluid is rigorously tested for conformance with product and industry specifications prior to storage, packaging, or shipment. A laboratory analysis is thoroughly conducted by Additives Inc. and a Certificate of Analysis for each lot is produced and is available to customers.

## Technical Support

Our laboratories will conduct a complete analysis of samples of our fluids from your systems quarterly. Simply send a one-pint sample to our laboratory and we will send you a written report including any recommendations on needed fluid maintenance actions. We will provide make-up inhibitor solutions as needed. We will also assist by testing samples to aid in problem solving efforts at any time.

## HTF-PG

*Inhibited Propylene Glycol Heat Transfer Fluid*

## Product Description and Applications

This propylene glycol-based heat transfer fluid, HTF-PG, provides dependable, and superior, corrosion-inhibiting properties for use under the most demanding industrial conditions. It uses the Additives Inc. HVAC-1 additive system. HTF-PG is appropriate for use in systems containing steel, solder, cast iron, brass, and aluminum, and is compatible with most types of plastic piping. This versatile product performs well in the temperature range between -50°F and 250°F.

Additives Inc. provides complimentary start-up and maintenance fluid analysis to assist you with most effective use of this formulation in your specific system; and to monitor the continuing strength and balance of the inhibitor package. HTF-PG is compatible with most propylene glycol-based heat transfer fluids on the market.

## Product Specifications

Appearance	Water white or dye choice
Propylene Glycol (wt %)	95.5 min.
Inhibitors and Water (wt %)	0.5 max.
Specific Gravity (60°F)	1.045-1.055
pH of solution (50% glycol)	9.0-10.0
Reserve Alkalinity (ml)	15 ml min.
Operating Temperature	-50°F to 250°F

## Use Instructions

See Additives Inc. Heat Transfer Fluid Technical Manual.

## Technical Contact Information

### Additives Inc.

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