

BLEND TECH, INC

Outstanding Performance-Superior Quality Antifreeze Chemistry

BT EG HTF

Ethylene Glycol Heat Transfer Fluid

DESCRIPTION

BTEGHTF heat transfer fluid is an inhibitor designed for use in applications where ethylene glycol/water mixtures are designed for use in hydronic systems. A mixture correctly blended with BTEGHTF is designed to protect metals commonly found in residential and commercial installations such as brass, copper, solder, steel, and cast iron. The BTEGHTF formula also includes a fluorescent dye, for leak detection, and an anti-foam to minimize foaming during service.

The effectiveness of BTEGHTF heat transfer fluid in preventing corrosion has been proven both in use and in extensive laboratory testing. Using BTEGHTF in place of brine solutions or uninhibited glycol/water solutions lowers maintenance costs and improves heat transfer efficiency.

TYPICAL PROPERTIES

Color	Fluorescent Yellow
Density, 60°F, lb/gal	9.40
Flash Point, TOC, °F	2500
pH, 33.33 volume	9.50
Specific Gravity, 60/60°F	1.126
Reserve Alkalinity	12.0
Freeze Protection, °F	
20% aqueous solution	+14
30% aqueous solution	+3
40% aqueous solution	-12
50% aqueous solution	-34

APPLICATIONS

Line Heaters

BTEGHTF heat transfer fluid is recommended for use in line heaters. A line heater circulates a heated fluid around a pipe to raise the temperature of the pipe contents in order to control reactions or ease pumping operations.

Snow-Melting and Refrigeration Systems

BTEGHTF heat transfer fluid is recommended for snow-melting systems for loading ramps, walkways, highways, and airfield runways, and as a coolant in ice rinks and air conditioning systems.

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Combination Heating and Cooling Systems

BTEGHTF heat transfer fluid is recommended in combination heating and cooling systems for large buildings. The excellent corrosion protection afforded by BTEGHTF heat transfer fluid prolongs the life of the piping in these systems. BTEGHTF heat transfer fluid is also excellent for solar energy collection systems.

Thermal Energy Storage Systems

BTEGHTF heat transfer fluid is recommended for use in all thermal energy storage systems. The specially formulated inhibitor package is designed to protect common system metals from corrosion at glycol concentrations as low as 20%.

CAUTION: BTEGHTF heat transfer fluid must not be used where contact with food or potable water is possible. BTPGHTF heat transfer fluid is available for applications where contact with food or potable water is possible.

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