

Thermal Guard EGSE is a blend of 96% Ethylene Glycol and specially formulated inhibitor package designed for Stationary Engine Applications. It provides wet sleeve liner cavitation and corrosion protection.

- Efficient Heat Transfer
- Excellent Corrosion Prevention
- Long Service Life
- Custom Blends Available
- Custom Colors Available
- Lowers Maintenance Costs

PROPERTIES	TYPICAL VALUES	ASTM TEST METHOD
Reserve Alkalinity	7 mL min.	D-1121
Specific Gravity @ 60°F	1.110-1.145	D-1122
Boiling Point, Reflux	300°F	D-1120
pH 50/50 Solution	7.5-11.0	D-1287
Total Water & Inhibitors	4%	D-1123
Total Glycols	96%	E-202

### SUITABLE APPLICATIONS

- Large Stationary Engines
- Gas Distribution Line Heaters
- Indirect Heaters

### HEAT TRANSFER FLUID % VOLUME REQUIRED

Temperature (C°)	Temperature (F°)	For Freeze Protection	For Burst Protection
20	-7	17%	12%
10	-12	26%	18%
0	-18	35%	23%
-10	-23	41%	27%
-20	-29	46%	31.4%
-30	-34	50%	31.4%
-40	-40	55%	31.4%
-50	-46	59%	31.4%
-60	-51	63%	31.4%

### GENERAL DESCRIPTION

Color	Fuchsia
Odor	Not Offensive
Pack/Unit	Bulk/Drums
Fluid Wt. per Gal.	9.33 - 9.45 lbs./gal.

### CORROSION TEST RESULTS

Material Tested	ASTM D-1384 Maximum Weight Loss Allowed	Heat Transfer Fluid Results
Copper	10 mg	1 mg
Brass	10 mg	0 mg
Solder	30 mg	4 mg
Steel	10 mg	-2 mg
Cast Iron	10 mg	0 mg
Aluminum	30 mg	-2 mg

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