

Thermal Guard PGSE is a blend of 96% propylene 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

PROPERTIES	TYPICAL VALUES	ASTM TEST METHOD
Reserve Alkalinity	7 mL min.	D-1121
Specific Gravity @ 60°F	1.030-1.065	D-1122
Boiling Point, Reflux	305	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

### THERMAL GUARD PGSE FLUID % VOLUME REQUIRED

Temperature (F°)	Temperature (C°)	For Freeze Protection	For Burst Protection
20	-7	18%	12%
10	-12	29%	20%
0	-18	36%	24%
-10	-23	42%	28%
-20	-29	46%	30%
-30	-34	50%	33%
-40	-40	54%	35%
-50	-46	57%	35%
-60	-51	60%	35%

### 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	0 mg
Brass	10 mg	0 mg
Solder	30 mg	4 mg
Steel	10 mg	0 mg
Cast Iron	10 mg	0 mg
Aluminum	30 mg	0 mg

To order, please call Old World Industries, Inc. Customer Service at 1-800-323-8755. ThermalGuard™ is a trademark of Old World Industries, Inc. ©2010 All Rights Reserved Old World Industries, Inc. 4065 Commercial Ave. Northbrook, IL 60062-1851