

# Ethylene Glycol Heat Transfer Fluids

*Inhibited against acidity and corrosion*



## UG-10

*Moderately inhibited*

## EG-17

*Highly inhibited*

### A QUICK COMPARISON OF HEAT TRANSFER MEDIUMS

- Water — Limited use range: 32° to 212° F. Encourages corrosion.
- Uninhibited glycols — Allow temperatures to 250° F, but 2½ times more corrosive than water, if not neutralized.
- Automotive antifreeze — Contains corrosion inhibitors, but can foul heat transfer surfaces in less turbulent systems.
- **UG-10 Ethylene Glycol** — Low silicate formula provides good corrosion protection at a relatively low price.
- **EG-17 Ethylene Glycol** — Industrial inhibitors coat surfaces and impact pH for maximum corrosion protection.

### Temperature and Concentration Chart

Temperature ranges versus ethylene glycol concentration

° F	% Ethylene Glycol	% Water	Specific Heat in BTU/lb. at 70° F
10° to 205°	25	75	.901
3° to 208°	30	70	.886
-13° to 211°	40	60	.839
-36° to 215°	50	50	.789
-70° to 220°	60	40	.738
N/A to 230°	70	30	.688
N/A to 246°	80	20	.633
N/A to 274°	90	10	.585

NOTE: The temperature ranges shown above are for fluid systems operating at atmospheric pressure. Low temperature is freeze point. High temperature is 10° below boiling point.



**GOOD**  
corrosion protection  
at a **GREAT** price!

*Contains pH adjuster  
and metal protectant*

## UG-10 Ethylene Glycol Heat Transfer Fluid

Item No.	Quantity	Price (each)
125174 (5 gallon pails)	1	\$ 83.00
	2-5	78.85
	6+	74.70
125175 (55 gallon drum)	1	815.00

### Usage:

- Use at least 25% Ethylene Glycol for corrosion resistance.
- Use the lowest concentration (above 25%) for the appropriate temperature range to achieve maximum heat transfer. Use chart above as a guide.
- Avoid using over 60% if possible, since heat transfer is very low above that level.



**GREAT**  
corrosion protection  
at a **GOOD** price!

*Multi-metal inhibitor package —  
beyond the UG-10 package*

## EG-17 Ethylene Glycol Heat Transfer Fluid

Item No.	Quantity	Price (each)
105580 (5 gallon pails)	1	\$ 106.50
	2-5	101.12
	6+	95.85
105584 (55 gallon drum)	1	1,095.00
	2+	1,062.15

## SAME DAY SHIPMENT



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