

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.



UG-10

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	\$ 96.00
	2-5	91.20
	6+	86.40
125175 (55 gallon drum)	1	926.80



EG-17

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	\$ 123.05
	2-5	116.90
	6+	110.75
105584 (55 gallon drum)	1	1,263.30
	2+	1,225.40

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.

SAME DAY SHIPMENT



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