

® corrosion data

**WINTREX®**  
ETHYLENE GLYCOL BASE HYDRONIC HEAT TRANSFER FLUID

Comparative Corrosion Test Data - Using ASTM D1384 Text Method

	WINTREX® <sup>1</sup>		Boston Tap Water <sup>2</sup>		Ethylene Glycol Technical Grade <sup>2</sup>	
	*	**	*	**	*	**
Copper	-4	0.2	-10	0.4	-6	0.2
Solder	-6	0.2	-140	5.6	-350	14.5
Brass	-6	0.2	-10	0.4	-12	0.5
Steel	-5	0.2	-300	14.7	-400	19.5
Cast Iron	+3	0.0	-570	24.1	-300	12.7
Aluminum	-3	0.4	-34	4.0	-120	14.2

1. Data shown for WINTREX® are an average of many tests. Houghton Chemical Hydronic Fluid test data shown are typical, not varying significantly from test to test, indicating uniform and effective corrosion protection
2. Data shown for tap water and ethylene glycol (technical grade) are averages of several test observations. Actual data varies dramatically from test to test and are always indicative of high corrosion rates.

\* Losses shown are in milligrams per test coupon

\*\* Loss expressed in mills per year thickness of metal, approximate

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