



TriaCool - EGX

- **Inhibited Ethylene Glycol based Heat Transfer Fluid**
- **Heavy Duty Industrial grade**
- **Suitable for use with a wide range of ferrous and non ferrous metals**
- **Prevents corrosion**

TriaCool EGX is an Ethylene glycol based heat transfer fluid. TriaCool EGX contains a package of specially formulated inhibitors that help prevent corrosion and thermal breakdown.

TriaCool EGX can be used for secondary cooling and heating, freeze and burst protection of pipes, defrosting, dehumidifying and various deicing. TriaCool EGX is suitable for use with common metals found in HVAC and industrial systems including aluminum, copper, steel, brass, solder, and cast iron.

Recommended use temperature range: -51°C(-60°F) to 120°C(248°F)

Property	EGX
Specific Gravity @ 60f	1.11
pH	9.5-10.5
Freeze Point, f, 50/50 dilution	-31.20
Boiling Point, f, 50/50 dilution	225.00
Aluminum Corrosion test	pass
Chloride content, wt % (ppm)	25 max
Ash content, mass %	5.0 max

TriaCool
Heat Transfer Fluids

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TriaCool EGX

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Typical freeze and boiling points of TriaCool EGX fluid at various concentrations

Volume % TriaCool	Freeze Point, C, F	Boiling Point kPa, C, F	Refractive Index, 22C
5.2	-1.6, 29.1	100, 212	1.3383
10	-3.3, 26.1	100, 212	1.3438
20.3	-7.1, 19.2	100.6, 213	1.3555
30.7	-12.7, 9.2	102.2, 216	1.3675
41.4	-21.1, -6.0	103.9, 219	1.379
52.2	-33.5, -28.3	105.6, 222	1.3903
62.7	-51.1, -59.9	107.2, 225	1.4008
78.4	na	113.9, 237	1.415
94.1	na	132.2, 270	1.4275

Typical concentrations of TriaCool EGX fluid required to provide freeze and burst protection

Temperature		Percentage of TriaCool EGX fluid concentration required	
		Freeze protection	Burst protection
°C	°F	percent volume	percent volume
-7	20	18	12
-12	10	29	20
-18	0	36	24
-23	-10	42	28
-29	-20	46	30
-34	-30	50	33
-40	-40	54	35
-46	-50	57	35
-51	-60	60	35

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