



## Cryotech Polar Plus® Type I Aircraft Deicing/Anti-icing Fluid

RI of 100% concentrate = 1.4245 (+/-0.0015)

Concentration (% Volume)	Refractive Index 20°C (68°F)	BRIX 20°C (68°F)	Freezing Point (°F)	Freezing Point (°C)	LOUT (°F)	LOUT (°C)
20	1.353	13.3	19.7	-6.8	37.7	3.2
25	1.358	16.4	17.1	-8.3	35.1	1.7
30	1.363	19.5	13.1	-10.5	31.1	-0.5
35	1.369	23.0	7.6	-13.5	25.6	-3.5
40	1.374	25.9	0.8	-17.3	18.8	-7.3
45	1.379	28.8	-7.4	-21.9	10.6	-11.9
50	1.384	31.6	-17	-27.2	1	-17.2
55	1.388	33.7	-28	-33.4	-10	-23.4
56	1.389	34.3	-30.4	-34.7	-12.4	-24.7
57	1.390	34.8	-32.8	-36	-14.8	-26
58	1.391	35.3	-35.3	-37.4	-17.3	-27.4
59	1.392	35.9	-37.9	-38.8	-19.9	-28.8
60	1.393	36.4	-40.5	-40.3	-22.5	-30.3
61	1.394	36.9	-41.3	-40.7	-23.3	-30.7
62	1.395	37.4	-42.5	-41.4	-24.5	-31.4
63	1.396	38.0	-44	-42.2	-26	-32.2
64	1.397	38.5	-48.7	-44.8		
65	1.398	39.0	-50.4	-45.8		
66	1.399	39.5	-52	-46.7		
67	1.400	40.1	-55	-48.3		
68	1.401	40.6	-57	-49.4		
69	1.402	41.1	-58.7	-50.4		
70	1.403	41.6	-60	-51.1		

*The lowest operational use temperature (LOUT) of Cryotech Polar Plus® Type I is at the 63/37 dilution. To allow for normal variances in blending and instrument accuracy, the acceptable Refractive Index (RI) range for the 63/37 dilution is 1.395 - 1.398. This product should not be used if the RI exceeds 1.398.*