



## Cryotech Polar Plus® LT Type I 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	17.0	-8.3	35.0	1.7
30	1.363	19.5	13.1	-10.5	31.1	-0.5
35	1.369	23	7.8	-13.4	25.8	-3.4
40	1.374	25.9	0.8	-17.3	18.8	-7.3
45	1.379	28.8	-7.6	-22.0	10.4	-12.0
50	1.384	31.6	-17.3	-27.4	0.7	-17.4
55	1.388	33.7	-28.0	-33.3	-10.0	-23.3
56	1.389	34.3	-30.2	-34.6	-12.2	-24.6
57	1.390	34.8	-32.5	-35.8	-14.5	-25.8
58	1.391	35.3	-34.7	-37.1	-16.7	-27.1
59	1.392	35.9	-36.9	-38.3	-18.9	-28.3
60	1.393	36.4	-39.2	-39.6	-21.2	-29.6
61	1.394	36.9	-41.4	-40.8	-23.4	-30.8
62	1.395	37.4	-43.6	-42.0	-25.6	-32.0
63	1.396	38	-45.8	-43.2	-27.4	-33.0
64	1.397	38.5	-47.9	-44.4		
65	1.398	39	-50.0	-45.6		
66	1.399	39.5	-52.1	-46.7		
67	1.400	40.1	-54.2	-47.9		
68	1.401	40.6	-56.1	-48.9		
69	1.402	41.1	-58.0	-50.0		
70	1.403	41.6	-59.8	-51.0		

*The lowest operational use temperature (LOUT) of Cryotech Polar Plus® LT 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.*