

Parts Bulletin

Coolant Refractometer Reading Changes

Recent formula changes have caused a shift in the refractometer readings. The new formula used to produce the Frigid-Gard Marine Engine & RV Antifreeze (Part Numbers 15-100 and 15-300) is a combination of Propylene Glycol and Glycerin. The formula with Glycerin will display a higher value than the older formula without Glycerin. The table below provides a dilution reference between the new and the old formulas.

Mix Ratio	Refractometer Reading		Burst Point in F° (Approximate)
	Propylene Glyco (old formula)	Propylene Glycol and Glycerin (new formula)	
100% No Dilution	-47	out of range	-100
75% 3 to 1	-8	-28	-75
50% 1 to 1	+11	+4	-50
25% 1 to 3	+23	+21	-25

Note: The values reported in the columns above are provided as a concentration reference and do not represent actual burst protection levels.

