

Hydrometer Chart

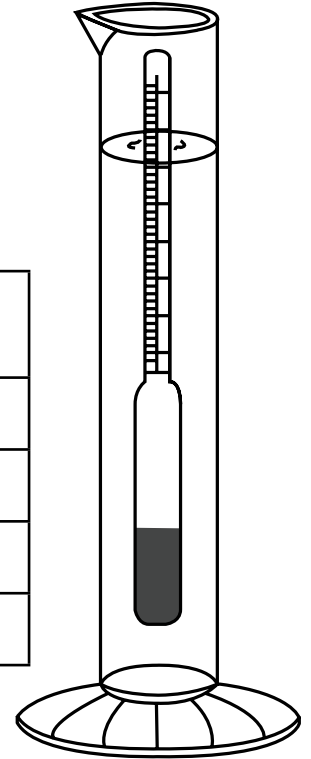
FireFighter® GL and FireFighter® PG

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A hydrometer is for testing the specific gravity of the fluid. It may be used for both propylene glycol and glycerine.

To test the freeze protection level of **FireFighter GL**, use a hydrometer to determine the specific gravity of the solution. To maintain the recommended minimum level of -15° flow protection, the specific gravity of FireFighter GL should be 1.141 at 77°F. For different levels of protection see the chart below:

HYDROMETER READING <i>Specific Gravity at 77°F</i>	FREEZE POINT	BURST POINT
1.141	-15°F	-50°F
1.116	- 5°F	-45°F
1.102	0°F	-40°F
1.096	+10°F	-20°F



To test the freeze protection level of **FireFighter PG**, use a hydrometer to determine the specific gravity of the solution. To maintain the recommended minimum level of -15°F flow protection, the specific gravity of FireFighter PG should be 1.033 at 77°F. For different levels of protection see the chart below:

HYDROMETER READING <i>Specific Gravity at 77°F</i>	FREEZE POINT	BURST POINT
1.033	0°F	-50°F
1.028	+10°F	-20°F
1.024	+15°F	0°F
1.020	+20°F	+10°F

NOTE: These tables are for reference purposes only. All temperature readings are approximations and should be used as guidelines only. It should also be noted that the freeze points for glycols are the temperature at which the ice crystals first form. Below these temperatures, a slushy solution exists which will permit flow. However, as the temperature decreases, the slush becomes more viscous until freezing eventually occurs.

