

CoastalGuard® PG-100

Industrial Coolant/Antifreeze



Product Information

CoastalGuard® PG-100 is a specially inhibited concentrated propylene glycol product designed for use in closed loop heat transfer systems, radiators, and engine jackets. CoastalGuard® PG-100 is commonly used in aqueous dilutions from 30 to 50% by volume. At these dilution ranges it offers freeze protection from 10°F to -30°F. The inhibitor system formulated into the CoastalGuard® PG-100 provides excellent corrosion protection for common metals of construction. CoastalGuard® PG-100 also contains the necessary inhibitors to prevent wet sleeve liner cavitation corrosion. The inhibitor level of the product can be monitored periodically and replenished when necessary without replacing the fluid itself.

Typical Physical Properties

Form	Clear Yellow/Green Liquid
Density @ 60° F	8.81 lb/gal (typical)
Freeze Point, °F	
Pure	10 (2000 cP)
50% Water	-30
Boiling Point, °F	
Pure	320
50% Water	225
pH	11.0
Viscosity, 75°F, cP	26.0
Reserve Alkalinity	11.0 (minimum)

Application:

CoastalGuard® PG-100 should not be used in its concentrate form. It should be diluted with water to a concentration range of no greater than 60%. Typically 50% is the maximum concentration in industrial applications. The water used to dilute CoastalGuard® PG-100 concentrate should be clean, clear, potable water, low in chloride and hardness. Avoid using any water that is brackish or that you could not drink. Deionized or distilled water is ideal to dilute the concentrate.

Handling Precautions

CoastalGuard® PG-100 is an industrial chemical and should be handled as such. Users should thoroughly review the Material Safety Data Sheets (MSDS) for this product prior to use.

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