

CoastalGuard® 100

Industrial Coolant and Heat Transfer Fluid



Product Information

CoastalGuard® 100 is a premium engine coolant used throughout the oil and gas industry. It is an inhibited ethylene glycol used as a heavy-duty industrial coolant and heat transfer fluid. The inhibitor system is designed to protect brass, copper, solder, steel, cast iron, aluminum, and other natural metals commonly found in industrial cooling and heating systems.

CoastalGuard® 100 is commonly used in an aqueous dilution from 20 to 50% by volume. These levels provide freeze protection between 16°F and -34°F, respectively.

CoastalGuard® 100 has the unique ability to have the inhibitors replenished. They may be monitored and replaced if necessary without replacing the fluid itself through the addition of CoastalGuard Supplemental Coolant Additives.

Typical Physical Properties

Density at 60° F.	9.42 lb/gal
Specific Gravity @ 60° F	1.136
Freeze Point	9° F (pure) -34° F (50% Water)
Boiling Point	345° F (pure) 225° F (50% Water)
Flash Point COC	247° F
pH (33-1/3 vol.% soln.)	10.5
Reserve Alkalinity	11.0 (min)
Foaming Tendency (vol,ml)	40
Break Time (sec)	1.5

CoastalGuard® 100 is designed to be used in a diluted form, typically 50% water. De-ionized water is recommended to minimize unacceptable hardness minerals. CoastalGuard® 100 inhibitor concentrates are designed to be mixed with diluted CoastalGuard coolants to obtain optimum corrosion and freeze protection.

Coastal Chemical provides technical support for CoastalGuard® 100 via coolant sampling and laboratory testing. Results are reviewed and recommendations are made to ensure proper coolant quality.

CoastalGuard® 100 also satisfies the specifications as required by ASTM D 6210 and meets the coolant requirements for Waukesha, Caterpillar, Superior, and other engine manufacturers.

Handling Precautions

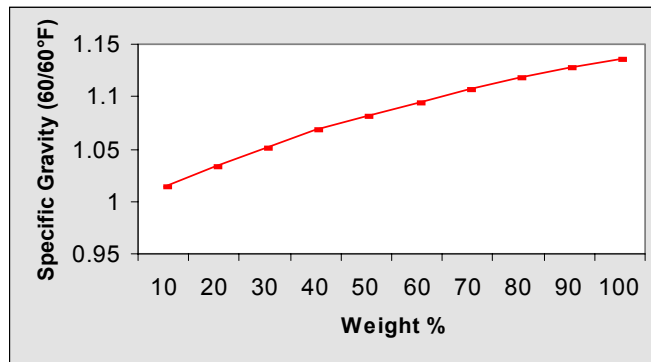
CoastalGuard® 100 is an industrial chemical and should be handled as such. Users should thoroughly review the Material Safety Data Sheets (MSDS) for this product prior to use.



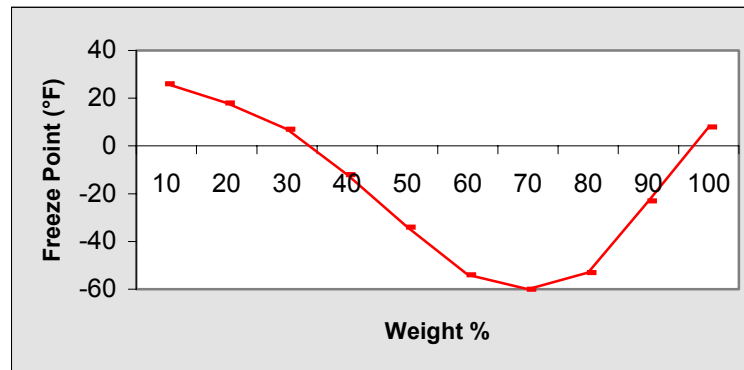
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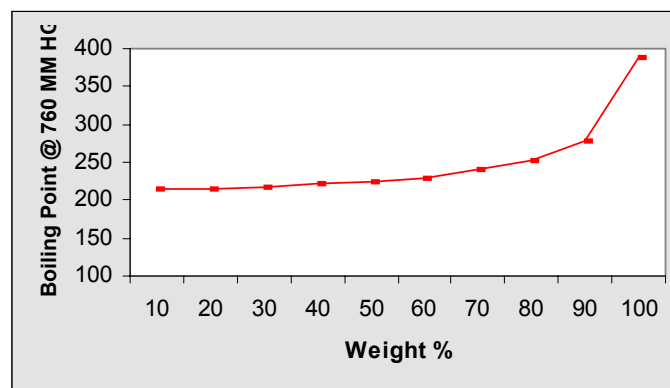
SPECIFIC GRAVITY



FREEZE POINT



BOILING POINT



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