

# CoastalGuard<sup>®</sup> 50

## Industrial Coolant and Heat Transfer Fluid



### Product Information

CoastalGuard<sup>®</sup> 50 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<sup>®</sup> 50 is a 50% solution in deionized water with freeze protection to -34°F.

CoastalGuard<sup>®</sup> 50 can be reinhibited as needed with CoastalGuard Supplemental Coolant Additives to ensure long service life.

### Typical Physical Properties

Density at 60° F.	9.01 lb/gal	Coastal Chemical provides technical support for CoastalGuard <sup>®</sup> 50 via coolant sampling and laboratory testing. Results are reviewed and recommendations are made to ensure proper coolant quality.
Specific Gravity @ 60° F	1.08	
Freeze Point	-34° F (50% Water)	
Boiling Point	225° F (50% Water)	
Flash Point COC	247° F	
pH (33-1/3 vol.% soln.)	10.5	
Reserve Alkalinity	11.0 (min)	
		CoastalGuard <sup>®</sup> 50 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

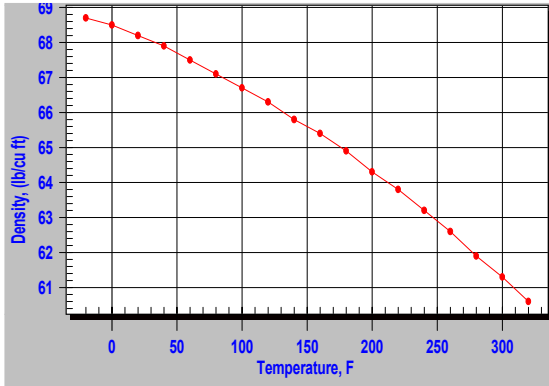
CoastalGuard<sup>®</sup> 50 is an industrial chemical and should be handled as such. Users should thoroughly review the Material Safety Data Sheets (MSDS) for this product prior to use.



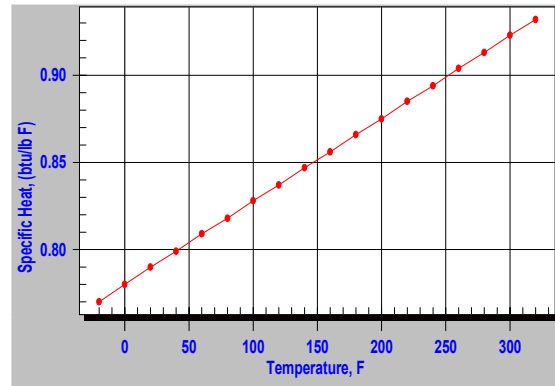
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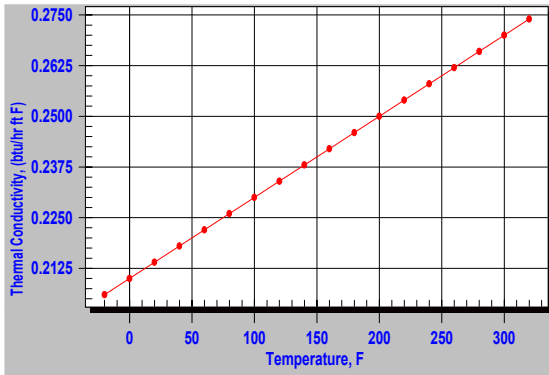
### Density



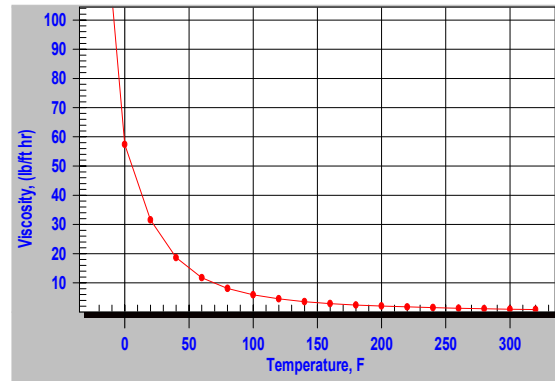
### Specific Heat



### Thermal Conductivity



### Viscosity



The data presented in this bulletin are typical only and not specifications. The information and suggested uses are based on evaluations believed reliable. No guarantee or warranties are expressed or implied, however, including the implied warranty of merchantability and fitness for particular purpose. Coastal Chemical Co., LLC disclaims any liability in the use of these data, including possible infringement of patent.

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