

CARBON COOL™ GL5

COOLING/HEATING SYSTEM PACKAGE

Description

Carbon Cool GL5 keeps heat transfer surfaces and solutions clean and free from deposits and debris. It maximizes heat transfer efficiency, lowers operating temperatures and reduces costs.

Carbon Cool GL5 Cooling/Heating System Package is an aqueous solution of a novel organic salt and special corrosion and scale inhibitors. It is a pre-mixed cooling system treatment that is ready to use out of the drum. No additional mixing of inhibitors or blending with water is necessary.

Environmentally Friendly

- No Reportable Quantities (RQ)
- Safe to handle, non-irritating
- No volatile organic carbons (VOC)
- Highly biodegradable if released

Purpose

Carbon Cool GL5 is a highest grade, single product heat-transfer solution containing no silicates. It can be used in engine radiators, cooling jackets, as heat transfer fluid or wherever freeze-proofed cooling/heating fluid is required. Because **Carbon Cool GL5** is inhibited with the most advanced corrosion protection available, it will deposit a protective film on all metal surfaces contacted regardless of metallurgy. This prevents corrosion of internal components in the system and lengthens equipment life. **Carbon Cool GL5** also acts as a scale suppressant, anti-foulant, micro-biostat and anti-foam.

Recommended Usage

Carbon Cool GL5 Cooling System Package should be used neat out of the drum in cooling system/heat transfer fluid applications.

Control

If the system pH and inhibitor level are in proper balance, the **Carbon Cool GL5** has a clear pink color. If the pink color is not apparent then test residual inhibitor levels.

Advantages

- Pre-mixed heat-transfer fluid
- 20-40% better heat transfer than glycol solutions
- Controls corrosion of both ferrous and nonferrous metals
- pH-buffered to the proper level
- Freeze-protected to below -30°F
- Eliminates scaling and fouling due to mineral instability
- Reduces costs by keeping surfaces free of heat-absorbing sludge and scale
- Prevents overheating
- Easy to handle
- Automatic indicator dye changes color when inhibitor level is too low
- Prevents foaming
- Does not contain chrome or zinc
- Will not form sludges under high heat flux
- No reportable quantities (RQ)
- Biodegradable

Physical Properties

Appearance	Clear, pink liquid
Freezing Point	< -35°F
Specific Gravity	1.28
Density	10.7 ppg
pH (neat)	8-9
Flash Point	None
Solubility in Water	Infinite



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