

# PHOSPHORIC ACID

## pH Control Treatment for Closed Loops with Aluminum



### *Description*

Glengarry **Phosphoric Acid** is a highly concentrated acid. It is used to lower pH in closed systems where there is a presence of aluminium.

**Phosphoric acid** is considered a weak acid due to its disassociation constant and is not fully disassociated at normal concentrations and is safer to handle than sulphuric and hydrochloric acid. It is much less corrosive in its pure form. **Phosphoric Acid** also has a high buffering capacity allowing for a much better pH control without large swings in pH.

The phosphate counter ion of the acid is in itself a corrosion inhibitor. It acts as by forming protective films with the metal ions on its surfaces.

Glengarry **Phosphoric Acid** is a clear to hazy liquid, with the following characteristics.

 pH: <1.0  
 S.G.: 1.55 to 1.60

### *Application*

Glengarry **Phosphoric Acid** can be added into the system directly or added through a pot feeder.

After circulating well, check the pH of the system water to determine if further additions are required.

### *Directions*

Since the dosage is dependent on the conditions and pH of the system, contact your Glengarry Technical Representative for dosage recommendations.




### *Safety Precautions*

Please refer to the Safety Data Sheet which contains detailed information about this product and the recommended handling procedures.

### *Terms of Sale*

To the best of our knowledge the information contained herein is accurate and true. Any recommendations or suggestions are made without warranty or liability on our part since the conditions of use are beyond our control.

### *Availability*

 4 Litre jug  
 20 Litre pail  
 205 Litre drum