

VE XO[™] X-PO[®] PGI MM

Multi-Metal Concentrated Heat Transfer Fluid

- **X-PO[®] PGI MM** is a concentrated 98+% food grade propylene glycol additive with multi-metal inhibitors that are non-toxic. **X-PO[®] PGI MM** does not contain environmentally toxic Nitrites/Nitrates/Phosphates. **X-PO[®] PGI MM** has been specially formulated with modern inhibitors that achieve corrosion and scale protection in a far more environmentally safe mechanism.
- **X-PO[®] PGI MM** has low oral toxicity providing a far more human and environmentally safer option versus ethylene glycol or other heat transfer fluids.
- **X-PO[®] PGI MM** is a high quality heat transfer fluid that can enable your system to perform for 20 years or more.
- **X-PO[®] PGI MM** provides a lower upfront investment, low maintenance and operating costs.
- **X-PO[®] PGI MM** can be fully formulated with our inhibitor packages to provide passivation of multi-metal surfaces, neutralization of glycol degradation compounds and thermal oxidative stability.
- **X-PO[®] PGI MM** will protect system components against scale, corrosion and fouling which can lead to costly downtime.
- **X-PO[®] PGI MM** is recommended for industrial applications or operating systems where it may come in contact with food, beverages, potable water or where there is a preference of having a safer heat transfer fluid in case of human contact. **X-PO[®] PGI MM** is not intended to be a certified additive for use in food or pharmaceutical processing.
- **X-PO[®] PGI MM** is non-irritating, non-toxic, biodegradable and the product of choice for HVAC systems of any variety including but not limited to water chillers, thermal storage, computer room, solar and geothermal applications.
- **X-PO[®] PGI MM** contains an organic/inorganic non-toxic inhibitor package that does not contain Nitrites/Nitrates/Phosphates for multi-metal systems with the exception of Aluminum.
- **X-PO[®] PGI AL** is also available for a specialized inhibitor package for protection of Aluminum as well as other multi-metal components.

Application Rate and Control Parameters

- **X-PO[®] PGI MM** can be readily diluted to the specific percentage required. Quality of the dilution water for **X-PO[®] PGI MM** is critical. We highly recommend at a minimum, softened water and preferably De-ionized water is used as the diluent. There is always concern that hardness, sulfates, higher iron or particulates can be precipitated and although **X-PO[®] PGI MM** will not cause the precipitation charging existing systems with **X-PO[®] PGI MM** may well stir up sediment.

General Control Test Methods

Refractive Index

Refer to the SDS for further health, safety and environmental information regarding this product. Information and recommendations in this bulletin are based on information believed to be reliable. However, the use of the product is beyond our control, and no guarantee, expressed or implied, is made as to the effects of such the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from misuse of the product as such, or in combination with other materials.

GHS
CODE



HMIS
CODE



Physical Properties

Form: Liquid
Odor: Characteristic
Pounds/Gallon: 9.2# +/-
Freeze Point: N/A
Color: Clear to Light Amber
pH: <10
Specific Gravity: 1.11 +/-
Freeze/Thaw: Recovery