



MAINTAINING ACADEMIC FACILITIES ENTAILS MORE THAN JUST MONITORING AND FIXING EQUIPMENT

In facilities, maintenance often requires knowing how to choose the right heat transfer fluid for the many applications required, from HVAC systems, to hydronic heating and snow melt systems and more.

Heat transfer fluids are widely used in HVAC applications for heating, secondary cooling, burst and freeze protection of pipes, and for defrosting and dehumidifying.

Using properly inhibited glycol-based heat transfer fluids overcomes the deficiencies of water in mechanical HVAC applications.

THERMAL CHARGE® will support the efficient operation of these systems and help to prevent corrosion and fouling of heat transfer surfaces to ensure optimal temperature control and longer equipment life.



THE SOLUTIONS USED IN FACILITIES MAINTAINANCE APPLICATIONS ARE ALSO USED GLOBALLY ACROSS MANY OTHER APPLICATIONS, INCLUDING:

- Food industry for refrigeration and chilling of food and beverage products
- Hydronic heating and snow melt systems
- Chill water loops and thermal energy storage
- Geothermal (ground source heat pumps) and solar hot water heating
- Building and construction industry for HVAC systems (heat ventilation and air conditioning)

THERMAL CHARGE® PGHD



THERMAL CHARGE® PGHD heat transfer fluid is a formulation of 95%-96% propylene glycol and a specially formulated package of industrial inhibitors. THERMAL CHARGE® PGHD is often used in higher temperature applications and solar systems and is well suited for HVAC applications because its inhibitor package offers additional corrosion protection for systems containing copper components. This product is fluorescent yellow.



THERMAL CHARGE® PG



THERMAL CHARGE® PG is a propylene glycol-based fluid that contains a specially formulated package of industrial inhibitors that help prevent corrosion. Because propylene glycol fluids have a lower acute oral toxicity compared to ethylene glycol-based formulas, THERMAL CHARGE® PG is often used in applications where incidental contact with food or beverage products could potentially occur. This product is available in clear/colorless, orange, blue, and pink*.



*Blue and Pink available in select dilutions.



The fluid is manufactured with ingredients classified as Generally Recognized as Safe (GRAS) by the FDA and is recommended for use within food & beverage processing area where incidental contact with food may occur. Only products bearing the NSF Mark are registered with NSF.
Note: please reference specification sheet.



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**For further information, visit www.thermalcharge.com
or call 1-800-323-5440 for sales manager referral.**

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