

MAINTAINING A DAIRY PLANT REQUIRES SPECIFIC COOLING NEEDS

Chillers and heat exchangers are a fundamental aspect of dairy processing and are relied on by producers to ensure their milk products satisfy industry standards and are safe for consumption. As a result, glycol-based heat transfer fluids are a critical part of the heat exchanger systems. The ability to control the milk product's temperature throughout all processing stages is one of the most important aspects of assuring product quality within the dairy industry.

To maintain reliability and optimal freeze and burst protection, dairy processors must use the proper ratio of glycol to water in heat exchange systems.

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



THE SOLUTIONS USED IN DAIRY PLANT 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® 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 as 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, pink, blue and orange.



**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.



Old World Industries Sales Contact

Name: _____

Phone: _____

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

Manufactured by Old World Industries, LLC, Northbrook, IL 60062
©2024 PEAK, PEAK & Mountain Graphic and Thermal Charge are trademarks of Old World Industries, LLC.