

THERMAL CHARGE® HEAT TRANSFER FLUID PG25



DESCRIPTION

Thermal Charge® PG25 is specifically engineered for efficient heat removal in Data Center applications. Thermal Charge® PG25 Prediluted heat transfer fluid is a formulation of propylene glycol, premixed with deionized water and a specially formulated package of industrial inhibitors. Its advanced inhibitor package delivers exceptional corrosion resistance, making it ideal for liquid cooled, direct-to-chip systems that incorporate high surface area copper components.

BENEFITS

- **EXCELLENT LOW TEMPERATURE PERFORMANCE**
- **ROBUST INHIBITOR PACKAGE INCREASES COMPONENT LIFE**- Formulated with a heavy duty industrial inhibitor package for superior corrosion protection and resistance to fouling. Meets the ASTM D3306 requirements for ASTM D1384 which is the industry standard test method to demonstrate corrosion protection of all system metals. Also meets ASTM D8039 requirements for use in heat transfer applications and HVAC systems
- **LOWER TOXICITY**- Propylene glycol has lower acute oral toxicity* if accidentally ingested by mammals
- **NONFLAMMABLE**- Because the flash and fire points of Thermal Charge® PG25 are above boiling point of water, it presents little fire hazard in storage or when in use
- **LONG SERVICE LIFE**
- **DYED FLUORESCENT YELLOW TO HELP DETECT LEAKAGE**

**As compared to ethylene glycol-based formulas*

SUITABLE APPLICATIONS

- Data Center cooling
- Direct-to-chip liquid cooling
- Closed-loop cooling systems

Premixed Heat Transfer Fluid consisting of (25% Propylene glycol and corrosion inhibitors and 75% water) by volume.

PG25 PREDILUTED FREEZE PROTECTION CHART

PROTECTS FROM
Freeze Down to

12°F (-11°C)

**DO NOT USE A CONVENTIONAL
ETHYLENE GLYCOL
HYDROMETER TO TEST
PROPYLENE GLYCOL COOLANTS**

To order, please call **1-800-323-5440**
or email: commercial@owi.com
For technical support, call **1-800-477-5847**

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES FOR THERMAL CHARGE® PG25
Specific Gravity @ 60/60 °F	D1122	1.02 - 1.04
pH of Solution	D1287	10 min
Reserve Alkalinity, mL	D1121	report
Freezing Point, °F/°C	D1177, D3321, D6660	12°F (-11°C)
Burst Point, °F/°C	-	0°F (-18°C)
Boiling Point*, °F/°C	D1120	213°F (101°C)
Chloride, ppm	D5827	<25
Odor	-	Not Offensive
Color	-	Fluorescent Yellow

** At atmospheric pressure*

PRODUCT AVAILABILITY

	PART NUMBER
275 Gallon Tote	TCY2B8
55 Gallon Drum	TCY2B1
5 Gallon Pail	TCY2B5
Bulk	TCY2B0



Manufactured for Old World Industries, LLC., Northbrook, IL 60062 • (800) 289-7234
MADE IN THE USA OF DOMESTIC AND FOREIGN CONTENT
©2026 Old World Industries, LLC. All Rights Reserved.
THERMAL CHARGE, PEAK and PEAK & Mountain Graphic
are trademarks of Old World Industries, LLC.



[in](#) [f](#) [X](#) peakhd.com

07/09/26