

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

- ADVANCED INHIBITOR PACKAGE ENGINEERED TO DELIVER OUTSTANDING CORROSION PROTECTION AND OPTIMIZE HEAT TRANSFER EFFICIENCY
- LONG SERVICE LIFE

SUITABLE APPLICATIONS

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

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
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