

# THERMAL CHARGE<sup>®</sup>

## INHIBITOR FOR TEG



### DESCRIPTION

THERMAL CHARGE<sup>®</sup> Inhibitor for TEG is a high concentrated inhibitor package for use with fully formulated Triethylene Glycol (TEG) based fluid used in natural gas dehydration systems. Under standard application conditions, glycol will ultimately degrade forming glycol degradation products, which will limit the products useful life and promote corrosion issues during application.

### BENEFITS

- Specifically formulated unique inhibitor package designed to optimize thermal & oxidative stability by regulating the formation caused by the accumulation of by-products during application
- Effectively neutralize detrimental corrosive acids, thus extending the fluids useful life in application under standard system operating conditions
- Designed to provide excellent corrosion protection to system metals & alloys, while neutralizing the corrosive tendencies of hydrogen sulfide (H<sub>2</sub>S), carbon dioxide (CO<sub>2</sub>), and other acidic gases without compromising the water absorbing properties of the inhibited base fluid

### SUITABLE APPLICATIONS

- Natural gas dehydration system

### DIRECTIONS FOR USE AND TREATMENT RATE

The properties and performance of a Thermal Charge Inhibitor for TEG is dependent upon the specific formulation in which it is utilized and, consequently, should always be added as needed after working fluid properly tested for critical parameters like, pH, inhibitor and water levels. If any of the critical characteristics of the fluid are outside of recommended levels, the fluid needs to be re-inhibited. A starting dosage level of 1% by volume or approximately 1 gallon of Thermal Charge Inhibitor for TEG per 100 gallons of working fluid is recommended. The addition should be made to an area of moderate agitation and/or circulation.

To order, please call 1-800-323-5440 or email [commercial@owi.com](mailto:commercial@owi.com)

For technical support, call 1-800-477-5847

### PROPERTIES

### ASTM TEST METHOD

### TYPICAL VALUES FOR THERMAL CHARGE INHIBITOR FOR TEG

Appearance/Color	Visual	Clear to Light Straw Yellow
Specific Gravity @ 60/60 °F	D1122 or D5931	1.2566
pH of 50% bv Solution	D1287	10.0-11.0
pH of 1.0% bv Solution	D1287	9.0-10.0
Reserve Alkalinity, ml @ 1.0% bv	D1121	8 min
Reserve Alkalinity, ml Neat	D1121	800 min

### PRODUCT AVAILABILITY

### PART NUMBER

BULK	TCR000
55 GALLON DRUM	TCR001
5 GALLON PAIL	TCR005



Manufactured for Old World Industries, LLC.  
Northbrook, IL 60062 • (800) 289-7234  
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