

# THERMAL CHARGE<sup>®</sup>

## ORIGINAL EQUIPMENT TECHNOLOGY™

# Si-OAT

## HEAT TRANSFER FLUID FOR STATIONARY ENGINES

COMPARE TO G40<sup>®\*</sup>



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

### DESCRIPTION

Thermal Charge<sup>®</sup> Original Equipment Technology™ Si-OAT (Compare to G40<sup>®\*</sup>) 50/50 Prediluted Heat Transfer Fluid is a silicate-enhanced organic acid technology formula that matches the chemistry specified by stationary engine manufacturers. That means it will provide maximum protection against overheating, winter freeze-ups, metal corrosion and wet-sleeve liner cavitation, even under severe-duty, continuous operation. Its phosphate-free formula helps prevent scaling that can impede heat transfer and cause cylinder head cracking.

\*G40 is a registered trademark of Valvoline Inc. or its affiliates.

### BENEFITS

- Specially engineered formula is free of phosphate, borate, nitrite and amines
- Provides year-round freeze-up and boilover protection under extreme conditions
- Prevents wet-sleeve liner cavitation and costly repairs
- Meets ASTM D3306 and D6210 industry standards for corrosion protection
- Provides a long service life of up to 20,000 hours

### SUITABLE APPLICATIONS

- Stationary Engines

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES FOR THERMAL CHARGE Si-OAT 50/50 PREDILUTED
Appearance/Color	Visual	Pink
pH, 50 vol %	D1287	8.0
Specific Gravity	D1122 or D5931	1.07
Boiling Point <sup>3</sup> , °F (°C)	D1120	224 °F (107 °C)
Freezing Point, °F (°C)	D1177 or D3321	-34 °F (-37 °C)
Total Water, Mass %	D1123	50
Ash Content, Mass %	D1119	<2.5
Chloride, ppm	D3634	<25

### PRODUCT AVAILABILITY

### PART NUMBER

BULK	TSE050
275 GALLON TOTE	TSEB58
55 GALLON DRUM	TSEB51

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