



## **BOILER CHEMICAL 1187 BOILER WATER TREATMENT**

### **DESCRIPTION AND USE**

Boiler Chemical 1187 is a concentrated sulfite based formulation with a carboxylated organic copolymer specifically designed for use as a boiler water treatment. The product is formulated for use in Vapor Modulatic boilers but has also found considerable application in other systems having softened water makeup and low condensate returns.

Boiler Chemical 1187 provides one of the most effective copolymers for higher heat transfer boilers.

### **CHEMICAL FEEDING AND CONTROL**

Boiler Chemical 1187 is normally fed continuously to the feedwater heater or deaerator. However, shot feeding may be satisfactory in some circumstances. The product may be fed neat but is most often mixed in a chemical feed tank with the other materials required to complete the program. Normal materials of construction are satisfactory for the feed system. However, copper, copper alloys and aluminum must be avoided.

Boiler Chemical 1187 is controlled by a sulfite test on the boiler water. The specific control ranges vary depending upon system operating conditions and will be specified by the technical representative servicing the facility.

### **TYPICAL PROPERTIES**

Appearance.....	Brown colored liquid
Odor.....	Practically none
Flash Point.....	None
Specific gravity.....	1.17-1.19
pH(undiluted).....	<12.5
Freeze Point.....	<0°C(32°F)

### **SAFETY AND HANDLING**

Boiler Chemical 1187 may be toxic by ingestion. Do not take internally. If ingested, drink at least two (2) glasses of water and get medical attention. Contact with eyes causes irritation. If eyes are contacted, immediately flush with clear water for 15 minutes and if irritation persists, get medical attention. For skin contact, wash with soap and water. For additional information, see the Material Safety Data Sheet provided with this product.

### **PACKAGING**

Boiler Chemical 1187 is packaged in 55, 30 and 15 gallon non-returnable plastic drums. Other packaging available depending on quantities.

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