

# TRAMFLOC, INC.

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## Technical Information Bulletin

### TRAMFLOC® 5008

### Cooling Water Deposit Control Agent

#### DESCRIPTION

TRAMFLOC® 5008 is a specially formulated blend of organophosphonate compounds and a polymeric dispersing agent. It is effective in controlling deposits such as calcium carbonate, calcium sulfate, iron and suspended solids in both recirculating and once-through cooling systems.

- ◆ Calcium carbonate scale inhibitor
- ◆ Calcium sulfate scale inhibitor
- ◆ Effective antifoulant
- ◆ Hydrolytic Stability
- ◆ Dispersancy

#### APPLICATIONS

- ◆ Cooling Water Processes
- ◆ Mining Water Processes

TRAMFLOC® 5008 is formulated to operate under alkaline conditions up to a Langelier Saturation Index of +2.5. Solutions of alkaline pH may offer certain advantages:

1. Elimination of acid feeds, lowering operating costs and increasing safety.
2. Alkaline buffering makes pH control easier to maintain.
3. Water may be less corrosive at alkaline pH.

#### TYPICAL PROPERTIES

Appearance ..... Yellow liquid  
Specific Gravity (20°C)..... 1.22 g/ml  
pH .....>12  
Solubility in water ..... Complete

#### TREATMENT

Proper treatment levels of TRAMFLOC® 5008 depend on the type of deposits, severity of the problem and other conditions particular to a given installation. Initial dosage rates: 8 - 14 ppm. TRAMFLOC® 5008 may be fed neat or diluted to any convenient feeding strength. Feed equipment may be made of mild steel, stainless steel or most common plastics. Do not use feed equipment containing copper alloys, copper or aluminum components.

Recommendations given in this bulletin are based on tests believed to be reliable. However, the use of this product is beyond the Tramfloc's control and therefore no guarantee is expressed or implied. The buyer must assume all responsibilities including injury or damage from misuse of the product as such or in combination with other materials. This bulletin is not to be taken as a license to operate under or recommendation to infringe any patent.