



# NALCO WT-2000

## CLOSED SYSTEM TREATMENT

### PRODUCT BENEFITS

- Protects all common metals from corrosive attack - extended equipment lifetime
- Protects against cavitation-corrosion
- Helps to keep systems free from sludge and scale deposits
- Compatible with ethylene glycol anti-freezes
- Simple to control, easy to apply, safe to handle
- Helps to prevent overheating in engine cooling systems
- Approved by most diesel engine manufactures.

### PRINCIPAL USES

NALCO WT-2000 has been designed for use in all common types of closed circuit cooling systems including radiator and jacket cooling systems for engines. NALCO WT-2000 will protect ferrous metals, copper and copper alloys and all other metals including aluminum components. The product should not be used however where aluminum is the prevailing alloy. The product will not affect rubber gaskets or other non-metallic components within the cooling system.

NALCO WT-2000 is fully compatible with alcohol or ethylene glycol antifreeze solutions.

### GENERAL DESCRIPTION

NALCO WT-2000 combines in liquid form nitrite, silicate and film-forming multi-metal corrosion inhibitors, scale stabilizer and dispersants.

It is soluble in water in all proportions and does not contain heavy metals and chromates.

### DOSAGE

The specific dosage of NALCO WT-2000 for industrial closed systems will vary depending upon the operating characteristics and metallurgy of your system. A nitrite level of minimum 600 ppm as NO<sub>2</sub> has to be maintained. Avoid under any circumstances underdosing under 600 ppm NO<sub>2</sub> levels. Overdosing of NALCO WT-2000 is not harmful to the system. Antifreeze filled system require a higher dosage level to assure complete protection. Control is done by a simple test for nitrite and pH. Important parameters (e.g. product concentration, hardness, pH) have to be kept and checked regularly.

Your Nalco representative will recommend the optimum dosage necessary to ensure maximum program performance according to your specific system parameters.

### FEEDING

NALCO WT-2000 is best added by a pump or a feeder installed on a by-pass to the circulating system. In smaller systems, it can be added directly to the header tank.

**MATERIALS:** Storage and application equipment (pumps, lines) should be made of PE, PP, PU, PVC, Stainless steel 304+316, Teflon, Vinyl tubing, Viton, Brass, Buna-N, Carbon steel, Hypalon, Neoprene or Nickel. Do not use Aluminum, Plasite 6000+7122 in contact with the neat product.

### HANDLING – STORAGE - SHIPPING

As a standard precaution with all chemicals we recommend the use of protective equipment such as goggles and rubber gloves when handling. Consult the Material Safety Data Sheet as the only official source of Environmental and Safety information.

The product can be stored for more than 12 months from date of shipping if kept in its original unopened containers and under normal warehouse conditions. Protect from freezing and from exposure to high temperature.

NALCO WT-2000 is available in non-returnable containers of different sizes.

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For medical and transportation emergencies involving Nalco products call the 24-hour emergency phone number mentioned in the MSDS.  
The above technical information is designed solely for the purpose of providing descriptive guidelines. Application of our products requires specific programming for local conditions.

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