PRODUCT BULLETIN: 2000
NALCO 2000 CONVENTIONAL COOLANT CONCENTRATE

Product Benefits
Protects your cooling system against corrosion cavitation erosion, mineral scale deposits and electrolysis.

Principal Uses
- Designed to protect cast iron diesel engine cooling systems.
- Contains additives to protect against sludge and mineral scale formation.
- Prevents overheating.
- Effective against liner pitting and cavitation erosion.
- Not harmful to radiator or heater connecting hoses, diesel liner seals and 'o' rings.
- **Nalco 2000** functions as a protective film-forming corrosion inhibitor and scale suppressant to keep engines clean and free from scale, reduces downtime and maintenance costs.
- **Nalco 2000** is recommended and used by major Diesel engine Manufacturers throughout the world.
- **Nalco 2000** used at the recommended level exceeds corrosion resistance specification of Australian Standard 2108-1984

General Description
Characteristics:
- Colour - Red
- Odour - Slight
- Solubility in water - Soluble in all proportions
Refer to Material Safety Data Sheet for further details

Handling
Handle like any alkali.
Avoid contact with eyes.
Avoid prolonged or repeated contact with skin.
Do not take internally. If poisoning occurs, seek medical advice and contact the Poison Information Centre.
Produce may be stored up to one year.
**Nalco 2000** becomes 'mushy' at -10°C and is satisfactory for use after complete thawing.
Instructions For Use

1. **Before Treatment:**
   Drain, chemically clean and flush the cooling system before charging with **Nalco 2000** to remove dirt, deposits, oil and rust particles. Nalco recommend **Nalco LB510**. For problem systems contact your Nalco representative.

2. **Initial Dosage:**
   Add **Nalco 2000** to the system at an initial dosage of one litre for every 32 litres of system capacity.

3. **Preventative Maintenance Treatment:**

   **Top Up**
   Never top up with plain water. Always top up with a mixture of one part **Nalco 2000** for every 32 parts of de-mineralized water.

   **Make Up dosage**
   Maintain the correct level of **Nalco 2000** inhibitor level by adding extra inhibitor, 500 mls per 100 litres of system capacity
   - every 230 operating hours for Short Haul trucks, stationary and marine units or,
   - every routine service (typically 15,000kms for Line Haul (long distance) trucks.

   **Product Life**
   The product, once in use, should be drained and flushed once every 12 months.

**Testing**
For control, use a test kit available from Nalco. TM17 is a test by titration. Maintain a nitrite reserve of 1200-1500 ppm

**Service**
Technical representatives can assist in the evaluation and implementation of a treatment program involving this product. Full technical support of a NATA registered laboratory and equipment department is available as part of Nalco’s in-plant service
Remarks

- If you need assistance or information, please call your nearest Nalco representative or office.
- For **Medical and Transportation Emergencies** involving Nalco products call (24 hour response)
  - Australia 131 126
  - New Zealand 0800-764-766
- Or a doctor

**Recommendation:** Wherever possible, Nalco products are approved to OEM performance specifications; Nalco supports the OEM’s change out recommendations as specified. In aftermarket applications Nalco recommends a performance life of 15,000 kilometers / 230 work hours or 1 year life when used as directed.

**Warning:** Store only on pallets in dry, safe place, out of direct sunlight and rotate stocks.

**Quality**

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