

NALCOOL[®] 2000

Diesel Engine Corrosion Inhibitor



Product Bulletin

PRODUCT BENEFITS

- 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
- Recommended and used by major diesel engine manufacturers throughout the world

PRINCIPAL USES

NALCOOL 2000 functions as a protective, film-forming corrosion inhibitor and scale suppressant to keep engines clean and free from scale, and reduces downtime and maintenance costs. The product protects cooling systems against corrosion, liner pitting, cavitation-erosion, mineral scale deposits and electrolysis.

GENERAL DESCRIPTION

Characteristics:

Color — Red

Odor — Slight

Solubility in water — Soluble in all proportions

Refer to the NALCOOL 2000 Material Safety Data Sheet for additional chemical and physical properties.

INSTRUCTIONS FOR USE

1. **Before Treatment:** Drain, chemically clean and flush the cooling system before charging with NALCOOL 2000 to remove dirt, deposits, oil and rust particles.
2. **Initial Dosage:** Add NALCOOL 2000 to the system at an initial dosage of 1 pint for every 4 gallons of cooling system capacity.
3. **Preventive Maintenance Treatment:**
Top Off — Never top off with plain water. Always top up with a mixture of one part NALCOOL 2000 for every 32 parts of clean, soft water.

Make Up Dosage — Maintain the correct treatment level of inhibitor level by adding additional NALCOOL 2000 inhibitor:

—For systems less than 20 gallons: One pint for every 4 gallon capacity, every 12,000 miles or 250 hours.

—For systems larger than 20 gallons: One pint for every 20 gallons capacity, every routine service.

Product Life — NALCOOL 2000, once in use, should be drained and flushed once every 12 months.

TESTING

For control, use a test kit available from Nalco. Part #500-P3206.88 tests for glycol and nitrite. Maintain a nitrite reserve of 1000–1500 ppm.

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HANDLING AND STORAGE

Read the label and Material Safety Data Sheet for complete handling information before using this product.

NALCOOL 2000 may be stored up to one year. The product becomes 'mushy' at -15°F (-26°C) and is satisfactory for use after complete thawing.

SHIPPING

NALCOOL 2000 is supplied in the following packaging:

- N2000-16 — Case of 12 pint containers
- N2000-64 — Case of 6-1/2 gallon containers
- N2000-5 — 5 gallon pail
- N2000-55 — 55 gallon drum

QUALITY

Nalco is licensed as a Quality Endorsed Manufacturing Company under ISO9002.

REMARKS

If you need assistance or more information on this product, please call your nearest Nalco Representative. For more news about Nalco, visit our Web site at www.nalco.com.

For Medical and Transportation Emergencies involving Nalco products, please see the Material Safety Data Sheet for the phone number.