

N.C.L.T.

1. DESCRIPTION

Liquid compound Sodium / Nitrite / borate based with organic corrosion inhibitors.

2. APPLICATIONS

Corrosion inhibiting treatment for closed re-circulating water systems such as:

- Diesel engine cooling water systems.
- Compressor cooling water systems.
- Centralized cooling systems.
- Central heating systems, F. W. Ballast Tanks, etc.

3. DIRECTIONS FOR USE

Determine the quantity of treatment required for the system from the product dosage chart.

NOTE: Sacrificial anodes (magnesium or zinc) and galvanized coating contained inside the cooling water system must be removed prior to the addition of N.C.L.T. as these materials are unnecessary in the treated system and can cause undesirable deposits if allowed to remain. Consult the local UNI Americas' Representative for additional information.

The solution should be added to the system by addition to expansion tank or through a dosing line.

Ask UNI AMERICAS' Representative eventual automatic dosing system to feed the product.

System contaminated with oil and/or scale should be cleaned before applying N.C.L.T. treatment. Use **SEACLEAN** for degreasing and **DESCALING LIQUID** or **POWDER** for descaling operations.

4. INITIAL DOSAGE

Consult your local UNI AMERICAS' Service Engineer for recommendations of the dosage rate based on specific problems and requirements onboard.

5. CONTROL LIMITS

SODIUM NITRITE OR NITRITE RANGE

Effective control range **2300-4500 ppm of sodium nitrite** corresponding to **1500-3000 ppm of nitrite**.

To maintain adequate reserve, **sodium nitrite** should not be allowed to fall lower than **2300 (1500 nitrite)**.

6. OTHER INFORMATION

**(Non-chromate liquid treatment)
APPROVED BY MAJOR ENGINE
MANUFACTURERS. COOLING
WATER TREATMENT OF
CLOSED RECIRCULATING
WATER SYSTEMS**

Product Highlights

- Highly effective anodic inhibitor treatment.
- Deposits a microscopic protective film on pipe works and component surfaces.
- Built-in pH buffering compounds.
- Contains specific corrosion inhibitors.
- Controls formation of hard scale deposits.
- Non-chromate product.
- Non-harmful to non-metallic substances.

Product Characteristics

Appearance:	Clear liquid, hazy
Corrosive action:	None
Specific gravity:	1.2(20°C)
Flash Point:	None
pH:	10

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clean chemicals clean ships clean seas



N.C.L.T.

- Highly effective anodic inhibitor treatment to protect all metal surfaces from corrosion.
- Deposits a microscopic protective film on pipe works and component surfaces that includes the multi-metal cooling systems.
- The stability of the protective film is reinforced by built-in pH buffering compounds.
- Contains specific corrosion inhibitors to provide protection for ferrous and non-ferrous metals.
- Controls formation of hard scale deposits when used with or in event of leakage of raw water in system.
- Non-chromate product, therefore does not cause pollution problems associated with chromates.
- Non-harmful to non-metallic substances such as seals, glands, packing, hoses, gaskets, etc. and compatible with all types of glycol based anti-freezes.