

CWT .NC (DEWT .NC)

Written by PT. Chemical Mandiri Jaya

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BUSOL CWT .NC (DEWT .NC)

DESCRIPTION

Powder/Liquid compound of nitrite borate base with organic corrosion inhibitors.

APPLICATION

- To inhibit corrosion in all types of fresh water closed cooling system on structured of either ferrous or non ferrous metals, but where zinc is not used such as
 - Diesel engine cooling water system including those where cooling water is used as heating medium in fresh water generators.
 - Compressor cooling water systems
 - Central heating system etc.

ADVANTAGES

- Use with ferrous and non ferrous metal used in closed fresh water systems
- Highly effective protection.
- Non Chromate types avoids pollution problems associated with chromate based inhibitors

- Compatible with all types of glycol based antifreezes.
- Will not damage seals, glands, packings, hoses or synthetic materials
- Simple control check and usage.

DIRECTION FOR USE

- Determine the quantity of treatment required for the system (see product dose)
- Dissolve the product dose required in warm water. Do not exceed a solution concentration of 120 grams per liters (saturation point)
- Solution should be added to system through dosage line or mixing tank.

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PRODUCT DOSE

- Initial dosage recommendation for a newly filled system is 3.0 kilograms (CWT .NC powder) or 8 liters (CWT .NC liquid) per 1000 liters of water in the system
 - Subsequent dosage of Busol CWT .NC depend upon the nitrite value of the water in the system. This may be measured using a Nitrite Test Kit (obtainable from Busol CWT .NC)
-). The recommended normal Nitrite concentration value is 1000 to 2000 ppm NO₂
- . Pitting corrosion may result if level drops below 1000 ppm and we recommended that nitrite levels in the system are maintained at approximately 1500 ppm (midrange)
- Dosage quantities to bring low value to mid range are recommended to be calculated as follows:
 - Dosage amount in grams per 1000 liters of water is system = (1500 – measured nitrite value in ppm NO₂) x 2
 - e.g. for & reading of 900 ppm, dosage amount = (1500 – 900) x 2 = 1200 grams per 1000 liters water in system.