

Water Treatment
Industrial Systems
Naval Industry



ZYAQUA NB



CORROSION INHIBITOR,
COOLING SYSTEMS

Properties

ZYAQUA NB is a nitrite-based, liquid, multi-functional corrosion inhibitor for protecting recirculating cooling and heating water systems. ZYAQUA NB is an excellent treatment for diesel engine primary and secondary cooling water. It is also ideally suited for use in chilled water systems because it forms a clear, non-staining solution, which protects the system from corrosion and hard water scale.

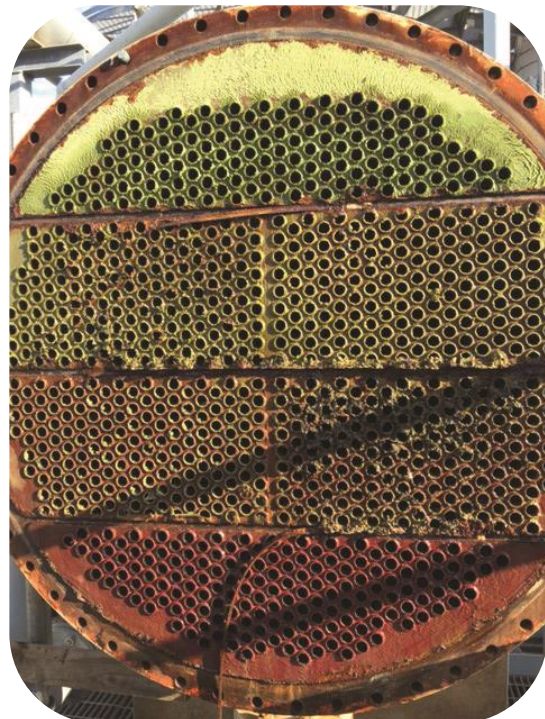
Packaging (lt)

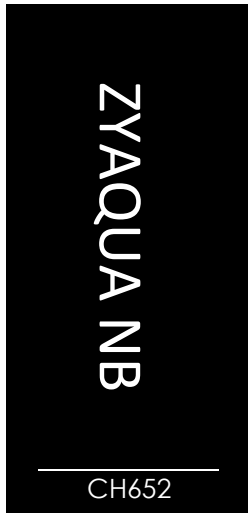
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Recommended use

The product can be used for corrosion inhibition in many types of closed recirculation systems such as:

- Diesel engine cooling water systems
- Compressor cooling water systems
- Centralised cooling systems
- Hot water heating systems
- Auxiliary machinery cooling systems





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TECHNOLOGY / ADVANTAGES

- Liquid product, easy to use
- By forming an oxide film on the metal surfaces electrolytic corrosion is prevented
- Effective against cavitation and erosion
- Compatible with hoses, gaskets and seals
- Compatible with glycols for frost protection

Physical and chemical characteristics

Physical state	Yellowish translucent liquid
Density (20°)	1,13 ± 0,5
pH	10 ± 0,5

APPLICATION

ZYAQUA NB should be dosed to a suitable point in the system. If the expansion tank is used then adequate circulation must be assured. Systems contaminated with oil and/or scale should be cleaned before applying ZYAQUA NB treatment. Use ACTIV STC for degreasing and DESCALER WT for descaling operation.

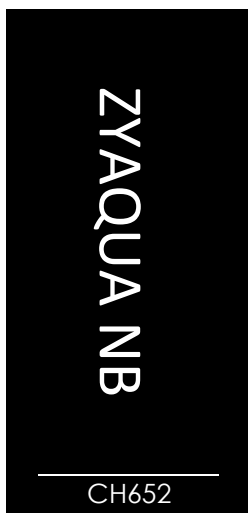
Dosage and Control

The effective control range of ZYAQUA NB is 1000 ppm of NO₂. To maintain adequate reserves, we recommend a nitrite reserve of 1500 ppm. The nitrite level should not be allowed to fall below 1200 ppm. Initial dosage is 10.3 lt of ZYAQUA NB for every ton of cooling water

Attention

Water quality is one of the most important issues in today's treatments. Always use good quality demineralized water. Under no circumstance should cooling water be mixed with shore water or potable water.

Shore water or potable water has far too many impurities like silica, bicarbonates and other minerals that can cause scale and corrosion to the cooling water system. In order to treat the closed cooling water system it is vital to use nothing but demineralized/evaporator water, or reverse osmosis water.



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HANDLING

Safety precautions

Handle with care. Store in a dry, cool and well ventilated environment.

Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

Attention

- Proper use is the responsibility of the applicator.
- Make sure you are using the most up-to-date versions of the Technical Data Sheet and the Safety Data Sheet.
- For professional use only. Keep away from children.

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Customer Service and Technical Support
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Warranty

The indications given on our labels, information, technical sheets or manuals are the result of laboratory tests or field applications, which have proved to be predominantly significant under normal application conditions. The results obtained under these conditions have enabled us to define general recommendations, which should be adapted to individual cases. Our responsibility is expressly limited to the supply of carefully controlled products and their proper application when under our control.

Ordering and receiving the products implies acceptance of the guarantee in the terms indicated above, even when the purchase order does not specify this or indicates otherwise.

No representative is authorised to take out an additional guarantee on our behalf following the sale of our products. Chemical products can cause serious injury. Before use, consult the Safety Data Sheet and follow its instructions to prevent accidents at work.

The buyer must determine the suitability of the product for its intended purpose, assuming the duty to check all the factors surrounding its application, such as the characteristics and finish of the materials/surfaces to be treated, environmental conditions, professionalism of the applicator, etc.

We always recommend carrying out a preliminary test on the surface to be treated. We accept no liability for incorrect use of our products.

For professional use only.
Last revised 09/23