

Atlantic Barque

INTEGRATING DISPERSING AGENT



About the Product

“Atlantic Barque” dispersant is a highly concentrated dispersing agent designed to prevent scale deposits and inlays in circulating systems with a high content of suspended solids, such as in the water recycling systems of power plants (both open and closed types), heat transferring equipment, boilers, and heating systems.

Scope of Usage

Cleaning quartz filters, cleaning and degreasing of hydrocarbon raw materials, fuel oils, oils, chemical liquids, and soil contaminants from the surfaces of tanks, pipelines, internal walls of heat exchange equipment (boilers, pipes, heat exchangers) from scale, rust, mineral and organic deposits, iron oxides, salts of calcium and magnesium, scale, rust cleaning from metal surfaces (steel, copper and their alloys), acid-resistant enamel and ceramics.



Government Approved

Approved for discharge into bodies of water designated for fishing and human use



at least 90%

effective decontamination



pH 2-13

wide selection of treatments available

Advantages

- comprehensive protection of equipment against corrosion and scale
- removal of a wide range of known contaminants
- замедляет кристаллизацию малорастворимых солей
- low dosages
- contains a corrosion inhibitor

All of our expertise will be at your service.

- the entire process is environmentally friendly
- effective at low water temperatures and a wide pH range
- inhibits the growth of deposit forming bacteria after washing
- thermally and chemically stable
- accepts a water hardness up to 25 mmol/L

does not require neutralization after use

Characteristics

Parameter Name	Product Guidelines	Test Results
Appearance	powder ranging from dark gray to black in color	conforms
Density of a 1% solution at 20 ° C, in the range, g / cm ³	1,0 – 1,5	1,1
Activity index of hydrogen ions of 4% solution, pH range	1 – 4	3

Composition

A mixture of organic acids, corrosion inhibitor, chelating agent, indicator, excipients.

Application Process

Treatment is carried out with a 4-5% solution of the “Atlantic Barque” dispersant for 5–6 hours at a temperature of 50–70 ° C.

For treatment, it is necessary to perform the following steps:

1. assemble the washing system, connect the pump
2. prepare the system, turn on the pump
3. add the calculated amount of the dispersant to the water and mix until it is completely dissolved.
4. monitor the temperature, color, and solution level
5. after completing the treatment, rinse the system

Deliveries

“Atlantic Barque” is delivered in heavy-duty 500 kg. bags.

Result

The result of treating the systems with an Atlantic Barque brand dispersant will be the dissolution of deposits consisting of hardness salts and corrosion products. The heat exchange surfaces, piping and pump piping are cleaned.

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