



Industrial Line

Protexon

Technical data sheet
n° 314 Rev. 02/07/2014

Category:

- Industrial products

Applications:

- Preserves thermal and cooling circuits water

Advantages:

- Extremely effective
- Universal product

Product for industrial/professional use. The manufacturer declines all responsibility for any damage caused by an improper use of the product.

Heat exchange medium for circuit water

Applications

Protexon is a preservative fluid for circuit and boiler water or for refrigeration fluids, which contains a set of corrosion inhibitors free of amines, nitrites and phosphates. This makes the water containing these additives less aggressive towards the metals comprising the system, including light alloys and aluminium. According to the use, there are concentrations to be respected:

Cold for circuits, where the temperature is below zero

- -10 ° C = 25 % in volume

- -15 ° C = 33 % in volume

- -32 ° C = 50 % in volume

Hot for boiler water at average temperatures of 60/70 ° C

- Average temperatures of 60 ° C = 30 %

- Average temperatures of 70 ° C = 35 %

Method of Use

Protexon must be loaded together with the water in the circuit, diluting it through a Venturi tube or having already placed it in solution before injecting it.

Once loaded, let it circulate for at least an hour, after which test the pH of the solution and possibly the density. It is good to check frequently that the values are constant, indicating a correct functioning. If there are variations, add fresh product to restore the concentration and quantity of the products to inhibit corrosion. When the system is unloaded, the product will be added again as in the previous manoeuvres.

Technical features

CHARACTERISTIC	VALUE	ASTM LIMITS	ASTM
Specific weight (g/cm ³)	1.04-1.06	1.030-1.065	D 1122
pH with 50% in water	7.5-11	8.5-10	D 1287
Boiling point	155°C min	152°C min	D 1120
Foam ml/sec	50/2	150/5	D 1881
Corrosion test: aluminium	0,8 p/p	30 p/p	D 5216
Corrosion test: cast iron	0,6 p/p	10 p/p	D 5216
Corrosion test: steel	0,2 p/p	10 p/p	D 5216
Corrosion test: copper	0,7 p/p	10 p/p	D 5216