PROTOCOL® SC-101

INDUSTRIAL SYSTEM CLEANER

Btuh = gpm x 500 x TD

Product Description

PROTOCOL SC-101 is a complex blend of water-soluble chelating and sequestering agents dissolved into a deionized water base. This highly effective system cleaner functions by converting insoluble compounds into water-soluble compounds, making the removal of unwanted contaminants easy and effortless.

PROTOCOL SC-101 is also very effective at removing corrosion and mineral scales, as well as converting compounds containing elements of copper, aluminum, zinc, iron, and lead into water soluble compounds for easy removal from your Hydronic system.

PROTOCOL SC-101 is non-corrosive, non-alkaline, easy to use, and does not require repetitive water rinses. SC-101 is generally used at a 1 to 5 v% concentration depending on the amount of scale or hydrocarbon foulants found in the piping system. The cleaning solution starts with a pH slightly below neutral and slowly increases to a pH of approximately 8.0 (4 to 12 hours). Depending on how fouled or dirty the system is initially will determine how rapidly the cleaner is depleted. Field-use has proven that SC-101 is highly effective in cleaning most systems in one application.

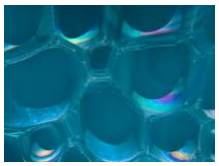
PROTOCOL SC-101 does not contain heavy metals, is not classified as a hazardous substance, and is biodegradable.

Note: store above 40 °F to prevent crystallization.

"Performance products of unparalleled quality and value"

Technical Data

However, the contaminants withdrawn from a cleaned system could contain hazardous materials, therefore, disposal of the spend cleaning solution should be done in accordance with all regulatory agencies at a federal, state, and local level.



Before

After

Typical physical properties

Boiling Point @ 760 mm Hg	212 - 220 °F
Flash Point	None
VP mm Hg (100°F)	15 - 18
Vapor Density (air = 1)	< 1.0
Specific Gravity (H_2O=1)	1.065 – 1.075
Coef. of Expansion (at 130 ° F)	0.00018
Evaporation rate	< 1.0
Solubility in water	complete
Appearance	Blue liquid-clear
pH (as is)	5.5 - 7.0
Freeze point (°F)	15 - 20