



PROTOCOL[®] SD-102

INDUSTRIAL SYSTEM DEGREASER

Product Description

PROTOCOL SD-102 is a water-soluble blend of anionic and nonionic surfactants blended into a deionized water base. The system degreaser is designed to wet the entire surface area while dissolving scales and removing hydrocarbons such as oil, grease, tars, and coke. When used in conjunction with PROTOCOL SC-101 cleaning, degreasing, and descaling is accomplished in one step, and in less time, due to its ability to enhance the wetting characteristics of the cleaner, which dissolves scales quicker.

PROTOCOL SD-102 contains wetting agents designed to foam while being mechanically circulated. Once agitated, scales and other metal particles become entrained in the cleaning solution and are easily removed from the system after the cleaning procedure has been completed. Excessive agitation should be avoided since foaming could become a problem if the degreaser is over-aerated.

PROTOCOL SD-102 has no significantly negative effect on the seals or elastomers commonly found in most systems and will not cause swelling of polyurethane, epoxy, primer, PVC, or Tygofilm[®]

PROTOCOL SD-102 does not contain heavy metals, volatile organic compounds or inorganic phosphates. SD-102 is not classified as a hazardous substance and is biodegradable. However, the spent solution may contain hazardous elements and must be disposed of in accordance with all regulatory agencies at a federal, state, and local level.

"Performance products of unparalleled quality and value"

Technical Data

Please consult with the Environmental Health and Safety department at your local wastewater treatment facility for additional instructions.

Typical Physical Properties

Boiling Point @ 760 mm Hg	~ 215 °F
Flash Point (PM CC)	None
VP mm Hg (100°F)	~ 16
Vapor Density (air = 1)	< 1.0
Specific Gravity (H ₂ O=1)	~ 1.0101
Coefficient - expansion (130°F)	~ 0.00023
Evaporation rate	< 1.0
Solubility in water	complete
Appearance	Amber - clear
pH (as is)	7.0 - 8.0
Freeze point (°F)	27 - 32

Manufactured by

Thermal Fluid Technologies, Inc.
Corporate Offices
Fort Mill, SC 29716
803-802-5070
sales@protocolhtfs.com