



Atlantic Phos 473RTF

True Room Temperature Detergent Iron Phosphate for All Metal

Atlantic Phos 473RTF is a blend of buffered phosphates, water conditioners, and non-heavy metal coating accelerators in combination with a high level of low foaming detergents in a convenient liquid form. Atlantic Phos 473RTF is pH balanced so that little or no pH adjustment is required. Atlantic Phos 473RTF is designed for use in multi-stage industrial recirculating spray phosphatizing systems. Atlantic Phos 473RTF produces an iridescent phosphate coating on ferrous components which provides improved paint adhesion and corrosion resistance for the finish. Atlantic Phos 473RTF produces a light coating on aluminum, zinc, and galvanized surfaces. Atlantic Phos 473RTF meets or exceeds TTC-490D, Type II military specification by providing an iron phosphate coating in the range of 35 to 80 mgs/ft². Atlantic Phos 473RTF does not contain any metals and is extremely stable at higher temperatures and varied pH levels, verses standard HAS (maximum 120°F) or chlorate (extremely narrow operating pH) accelerators. This can be especially true around heat exchange areas where temperatures can approach boiling. Atlantic Phos 473RTF adds tremendous economy to phosphate operations by saving thousands of dollars annually in the form of energy costs.

PRODUCT PROPERTIES:

Appearance:	Clear straw yellow liquid; Odor nil.
Specific Gravity:	1.13
Solubility:	Complete
pH(1%):	3.5-4.5
Phosphate Content:	4.0% as elemental phosphorous(P).
Fluoride:	Yes
Biodegradability:	Detergent portion is 100% biodegradable.

USE INFORMATION:

Concentration:	1-5% by volume (2% is standard)
Temperature:	70-140°F.
Contact Time:	As available

PRECAUTIONS:

May cause severe chemical burns and irritation to the skin and eyes upon contact. FOR INDUSTRIAL & COMMERCIAL USE ONLY!

PACKAGE:

Bulk, 275, 55, 30, 15, and 5 gallon plastic containers.

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