Weldphos Fe-LT

Blue Iron Phosphate

Weldphos Fe-LT is a uniquely balanced liquid iron phosphate, which produces an iridescent blue phosphate finish on steel. Weldphos Fe-LT can also be used on aluminum and zinc surfaces to achieve excellent adhesion. Cleans and phosphates in one step.

Features/Benefits

- Superior surfactant system, cleans faster initiating phosphate deposition sooner.
- Produces heavy coating weights: 25 - 40 mg/sq.ft. in an average 3 stage washer, and up to 80 mg/sq.ft. under ideal conditions.
- Liquid material for easy use, that can be controlled by pH or by acid analysis.
- Wide operating pH range (3.5 - 5.5), which reduces pH control requirements.
- Operates as low as 26.7°C/80°F, and goes up to 71.1°C/160°F when deeper cleaning is required.

Typical Operating Conditions

Application	Spray	Immersion
Concentration	1 - 4% b.v.	3 - 10% b.v
Temperature	26.7 - 71.1°C/80 - 170°F	50 - 80°C/120 - 180°F
Time	0.5 - 2 minutes	1 - 5 minutes
Spray Pressure	15 - 30 psi	

Steel tanks and heatings coils are satisfactory. Electric immersion heaters should be stainless steel (preferably 316 SS)

Industrial Hygiene

When working with or using solutions in which this product is used, care should be taken to avoid: skin contact, ingestion, contact with eyes, or breathing fumes or dusts. When making additions or using this product, one should use: chemical resistant gloves, apron, boots, and safety goggles and/or face shield. The use of appropriate NIOSH approved respirator is recommended. This material and the processes in which it is employed should be used with adequate ventilation. Wash thoroughly after handling.

The data and statements contained in this bulletin are based on testing information and are believed to be accurate and reliable. This bulletin is not a Guarantee or Warranty, express or implied regarding the products use. The product is sold on the condition that the purchaser will do their own tests to determine the suitability of the product in a particular application.
READ THE SDS BEFORE USING THIS PRODUCT

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