CREST CHEMICALS

PPC-74

Medium Temperature Detergent Iron Phosphate

Description

Crest PPC-74 is a bluish-white to pink granular powder developed to clean and phosphate ferrous, galvanized aluminum, zinc plated, zinc die cast, and cadmium alloys by spray or dip methods. The product is suitable for use in 2, 3, 4, or 5 stage systems. The product will usually produce a coating weight of 30 to 50 mg/sq. ft. on ferrous alloys.

- Operates at low temperatures, 90° to 160°F.
- Coats multi-metals in the same washer.
- Provides an excellent base for liquid or powder coatings.
- Easy to control by simple titration.
- Etches and phosphates aluminum or zinc coated metals.
- Does not normally need extra cleaner – starts with 11% cleaner.
- Provides rust protection: 2 rust inhibitors are in the product.

Specifications

This product meets or exceeds all qualifications for the following:

- Federal Specification TT-C-490D (S/S by TT-C-490E)

Method of Use

Application Methods

- Immersion
- Spray

Application Methods

- Dip Tank: Use 2 to 6 oz. PPC-74 per gallon of water.
- Spray Washer: Use 1 to 1.6 oz. PPC-74 per gallon of water.

Additives

- If more cleaning is needed, Crest has an additive that will increase the cleaning of the parts. The additive is normally used at a concentration of 1 quart per 100 gallons of water.

Example 3 Stage System

- Stage 1 – Clean and Phosphate
  - Product: Crest PPC-74
  - Concentration: 1 to 2 ounces per gallon
  - pH: 3.0 to 5.0
  - Temperature: 90° to 160°F
  - Time: 45 to 120 seconds (Spray Washer)
    3 to 10 minutes (Dip Tank)
- Stage 2 – Rinse
  - Use: Water – Overflowing
- Stage 3 – Sealing Rinse
  - Product: Crest INHIBISEAL used as needed
  - Concentration: 1 pint per 100 gallons of water in tank
  - pH: 3.0 to 4.0
  - Temperature: Ambient
  - Time: 30 to 45 seconds

Equipment

Tanks may be constructed of mild steel.

Other equipment such as heaters, pH meters or electrodes should be made of steel.

Caution

Refer to product labels and Safety Data Sheets for precautionary and handling information.

Product should be stored at no lower than 50°F and no higher than 100°F.

Warranty and Liability Disclaimer

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience; however, since conditions of actual use are beyond our control, any recommendations, or suggestions, are made without warranty, expressed or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage or injury, direct or consequential, arising out of the use of this product.

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