

## **T.C. 650**

### **Liquid Iron Phosphate for Three or Five Stage Washer**

#### **DESCRIPTION**

T.C. 650 is a liquid, iron phosphate product specially formulated for use in a three or five stage spray washer. It contains a blend of highly effective biodegradable surfactants that will effectively remove soils, oils and other contaminants while simultaneously depositing a high quality iron phosphate coating. T.C. 650 contains an ingredient that keeps sludge and scale build-up to a minimum. This greatly reduces the scale build-up on the inside and outside of the risers and washer interior. This enables you to operate over an extended period of time, without purging or descaling your washer. The nozzles stay cleaner longer and require less attention than with most conventional iron phosphate products.

#### **USE**

T.C. 650 is used at 2 to 3 percent by volume at 130°F to 160°F. Exposure time is 45 seconds to one minute. It requires no break-in period. High quality coatings are obtained from the start. This product can be automatically metered into the system, maintaining a constant concentration of product. For highest quality and most uniform iron phosphate coating, maintain the solution pH between 3.5 and 4.5 with phosphoric acid. A chromic-phosphoric seal can be used in the final rinse, in order to obtain the maximum corrosion protection on painted and unpainted phosphate-coated surfaces.

#### **SPECIFICATIONS**

Form	Clear liquid
pH @ 2% solution	3.3 to 3.5
pH stability	Excellent
Rinseability	Complete
Specific gravity	1.091
Foaming	Controlled
Solubility	Instant

Conforms to Federal Specification TTC-490 B Type II

#### **CAUTION**

T.C. 650 is mildly acidic. Avoid contact with eyes and prolonged contact with skin. Should contact occur, flush skin with water; for eyes, flood with water for 15 minutes and get medical attention.