



T.C. 657 Zinc Phosphate

DESCRIPTION

T.C. 657 is a unique liquid compound designed to provide a continuous and uniform zinc phosphate conversion coating on metal components when applied through either immersion or industrial spray washing equipment.

T.C. 657 has a unique crystal refiner that produces a microcrystalline lattice on the metal surface that provides an ideal foundation for anchoring paint. Physically, the paint takes a much stronger grip on the rugged layer of crystals which is ionically and chemically bonded to the metal surface. The microcrystalline nature of T.C. 657 also absorbs less paint than typical zinc phosphate coatings and generally yields a higher gloss to the final finish.

Properly applied, T.C. 657 meets the following specifications: TTC-490B Type I (spray or tank), QQZ-325B Type III and QQP-416C Type III. This formula, under most conditions, provides minimum coating weights of 150 mgs/square foot by spray and 300-mgs/square foot by tank application.

SPECIFICATIONS

Appearance	Clear, purple liquid
Specific gravity	1.282
Weight	10.69 pounds/gallon

USE

Recommended concentration	3% to 5% by volume (15 - 25 minutes)
Operating temperature	120° - 160°F
Contact time, spray	45 - 120 seconds
Contact time, dip	3 - 5 minutes

HANDLING

T.C. 657 may be stored in normal indoor storage conditions. Contact with the concentrate may cause irritation to the skin and eyes. Wear protective face shield and rubber gloves when handling. If accidental contact is made, flush area repeatedly with water. If irritation persists, seek medical attention. Wash thoroughly after handling.