Micron MC-950 PT. 1

Micro Crystalline Zinc Phosphate

Micron MC-900 Nickel Free phosphate coating system is a lubrication grade process for steel. Provides extrusion and metal drawing aid. Typical coating weights of 600-1200 mg/ft2. Provides typically darker coatings then conventional products and a preferred denser sludge by-product for less dusting on coils and less waste volume.

Micron MC-950 process is a two part system (Make-up & Replenisher) that provides a micro crystalline, tightly bonded coating on steel. A zero iron operating system with a unique coating structure for better lubrication.

Micron MC-950 process is an advanced phosphate coating which includes a CATALYST for improved coatings which assist lubrication whether you are using POLY LUBE or soap.

Features & Benefits

- Lowest use cost.
- No dump operating system.
- Can be used in coil coating, barrel slug processes, immersion or spray.
- Reduced sludging and scale build-up on equipment.
- Bonds lubricant coatings tighter and more uniform.
- Can be used with all conventional and advanced lubricant coatings.
- Provides wide coating range as required: 600-1200 mg/sq.ft.

Physical Data

pH	1
Product Type	Liquid
Spec. Gravity	1.48
lbs./gal.	12.34
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 Years
Freeze Information	Not damaged by freezing

Typical Processing

1. Pre-clean as required with acid pickling and/or alkaline cleaning
2. Rinse
3. Rinse

4. Phosphate coat: MICRON MC-950 (Make-up & Replenisher) Use 7%~ of MAKE-UP = 21 points total acid “Part #1” to prepare a new bath
5. Rinse
6. Hot rinse, 150 F., 30-60 sec., neutralized to ph of 9~ (w/240-L or #856L)
7. Lubricant coat: LOC-LUBE, POLY-LUBE, LIME, OIL ETC.

Packaging

Container Type	Poly
Net Units	680
Tare Wt.	25
Gross Wt.	690
DOT_Name	UN 3264, Corrosive Liquid, Acidic, inorganic, N.O.S., (Phosphoric & Nitric Acids),8, PG II
DOT Hazard	Corrosive
Tarriff ID	

Use Parameters

Concentration Range	20-30 Points total acid.
Temperature Range	175 – 190 deg F
Time Range	4 – 10 min
Agitation	N/A

Waste Disposal

Neutralize pH, remove fats, oil, grease, and heavy metals.

Holding Tank Materials of Construction

Acid resistant. Steel, stainless or poly.

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.

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For more information on this process,
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