Phos Oil #168-LC Inhibitor

Corrosion Inhibiting Emulsion Oil

#168 is a CORROSION INHIBITING soluble oil which is used to provide extended salt spray resistance when applied over zinc phosphate coatings. This product can provide up to 200 hours of salt spray resistance (long term anti-rust).

#168 is a PREMIUM product which provide for maximum performance when applied over coatings which are over 2,000 mg/ft2. Excellent results can be achieved on lighter coating weights also.

#168 is a stable emulsion and resistant to degradation. Providing an emulsion with water that coats surfaces evenly.

#168 meets requirements of (Chrysler) specs PS-80, spec PS-80, GM 4435, Ford S-2 and other specifications.

Features & Benefits

- Dilutes with water providing a low cost system.
- Low oil residue, without tackiness. Ideal for parts with torque tension requirements.
- Stable emulsion when good rinsing procedures are used.
- Meets various automotive and government specifications for corrosion resistance.
- Provides extended corrosion resistance over zinc phosphate coatings of up to 200+ hours in salt spray.

Physical Data

pH	9+
Product Type	Liquid
Spec. Gravity	.92
lbs./gal.	7.67
Foam, 0 = Low, 9 = High	2
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing

Typical Processing

1. Wash, Rinse, Acid Pickle, Zinc Phosphate Coating, Etc.
2. Rinse
3. Rinse, (neutralize to ph of 8.0 to 10.0 if necessary), see POLY FILM 2555
4. #168 Oil, 10-20% by volume, 1-5 minutes. , ph= 9.0 - 10.0
   (Double dip tightly packed parts or over filled barrels- or more)
   Note: Do not drag acid/s salts, dirty rinse water or alkali into bath.

Note: To control ph: PH Adjuster 45, OR Tri-ethanolamine, or monoethanolamin

Packaging

Container Type	Steel
Net Units	422
Tare Wt.	25
Gross Wt.	447
DOT_Name	Not regulated by DOT
DOT Hazard	Not regulated by DOT
Tarriff ID	3403.11

Use Parameters

Concentration Range	10% - 20% by volume
Temperature Range	80 – 160 deg. F.
Time Range	Dip 1 – 5 minutes
Agitation	Mild recommended

Waste Disposal

Neutralize pH, remove fats, oils, grease and heavy metals

Holding Tank Materials of Construction

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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