



Bond Guard KL-3333-BH

Lo-Foam Metal Treatment

KL-3333-BH "LO-FOAM" is a premium metal cleaner and iron phosphate treatment for use in pressure wash parts cleaners. It provides superior detergency for removal of difficult soils and residue. Cleans all surfaces. Provides conversion coatings on steel meeting various military and automotive specifications.

KL-3333-BH provides paint and coating preparation which bonds and enhances corrosion resistance of coated metals. Activated for improved performance on difficult alloys.

KL-3333-BH meets various specifications requiring a cleaner and iron phosphate treatment. Coating weights of 40-90 mg/ft. are typical. Government, military and auto specs can be met with this product. (example: TTC-490 when an iron phosphate is called for)

Features & Benefits

- Rapid cleaning and imparting of amorphous iron phosphate coating.
- Easily removes difficult oils, greases, smut.
- Ready to use concentrate. Simply dilute and apply.
- Liquid which is easily mixed into feeders and mixing valves.
- Provides superior corrosion resistance and bonding of paints.
- Provides "streak-free" rinsing.
- Can be used to coat steel, and clean aluminum and zinc galvanize and plastics.
- Meets requirements of government and automotive specifications.

Physical Data

pH	3.4
Product Type	Liquid
Spec. Gravity	1.09
lbs./gal.	9.09
Foam, 0 = Low, 9 = High	2
Shelf-Life Years	10 Years
Freeze Information	Not damaged by freezing



Typical Processing

1. Apply KL-3333-BH at: Concentration = 3-6% by volume.
Use pressure washer, Time = Typical 40-120 seconds.
Temperature = 120-160 Deg. F. , PH = 5.0 (RANGE = 4.4-5.6)
2. Rinse, cool. (Use D.I. water if final stage preferred.)
3. Optional: Sealer 6100, .5- 3%, PH 7.5 - 10,.5
4. Air blow off

FOR PROCESSING WHERE A FINAL SEALER ALSO NEEDS:

1. A RINSE AID USE: NCS-320
2. A RINSE AID AND FLASH RUST RP USE: BS-4
3. A FLASH RUST RP USE: BS-1400

Packaging

Container Type	Poly
Net Units	507
Tare Wt.	25
Gross Wt.	532
DOT_Name	UN 1805, Phosphoric acid solutions, 8, PG III
DOT Hazard	Corrosive
Tarriff ID	

Use Parameters

Concentration Range	.5% - 4% by volume
Temperature Range	120 – 180 Deg. F.
Time Range	30 - 180 seconds
Agitation	Spray

Waste Disposal

Adjust pH as needed. Remove fats, oils and grease.

Holding Tank Materials of Construction

Acid resistant, 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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