Lusterlume 3 LX

Lusterlume 3 LX is a liquid concentrate which is used with water for cleaning, polishing and burnishing iron, steel, stainless steel, copper, brass, zinc, aluminum, pewter, white metal, precious and semi-precious metals.

Lusterlume 3 LX is formulated for use with or without mineral, metallic, or manufactured tumbling media in vibratory, rotary and submerged barrel machines.

Lusterlume 3 LX burnishing compound can be used in hard water and is buffered to prevent dulling on over-rolling. It is extremely free rinsing and provides finished parts with corrosion resistant surfaces. Note: For long term storage, thoroughly rinsed parts should be dipped in a suitable corrosion preventive. Low concentrations of 1 to 3 fl. ounces per gallon of solution are recommended for producing high luster stain free finishes.

Solution level required can vary, depending on the parts being processed. Generally, water level should cover the workload in standard rotation type barrels.

In vibratory equipment, only enough water to keep the load wet should be used. (Higher concentrations would be used for these applications.)

Cycle times vary - from minutes to hours - depending on the condition of the parts, the type of machine, load size, and the finish requirements. Parts with rough surfaces require longer times than parts with relatively good surfaces. Trial runs easily determine proper cycle time; once established, times and results are consistent from load to load.

Lusterlume 3 LX meets Boeing material specifications for designation HMS20-1267/1656 abrasive, burnishing compound, vibro hone

Features & Benefits

Buffered burnishing compound	Prevents dulling on over-rolling
Concentrate for multiple metals	Can be tumbled or used in vibratory

Test Kit Method

1. Take a 25 mL sample of Lusterlume 3 LX.
2. Add 4 drops Methyl Orange indicator and swirl to mix well.
3. Add 0.72 N Hydrochloric Acid dropwise until solution changes from yellow to orange.
4. Record the number of drops used.

Calculation

Concentration = # Drops 0.72 N HCl x 0.442

Caution

Fully enclosed tumbling barrels should be equipped with automatic pressure relief valves. Also, when unloading, exercise care to slowly release any built-up pressure.

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