



# Soap Lube 234

## Lubricant Coating

234 is a lubricant diluted in hot water which reacts with zinc phosphate coatings on metals to provide a superior metal extrusion lubricant. Can be used over all coated metals.

234 coating allows for severe drawing, extruding, and cold forming of metals. Superior quality and extended bath life.

234 is a superior product that is highly stable and provides on-going low-cost productivity to users. Can also be used in the draw box as a wire drawing lubricant.

## Features & Benefits

- Long life bath.
- Resistant to iron and other contaminants.
- Stable chemistry.
- Provides typical 300-1000 mg/ft squared of lubricant film.
- Heavy or light lubricant films as required.
- No odor.
- Can be used on all coated metals. (steel, aluminum, stainless, etc.)
- Consistent predictable coatings for high production confidence.
- Lowest use cost of available products.
- Offers extended bath life when used with #153 purifier.

## Physical Data

pH	>9.0
Product Type	Powder
Spec. Gravity	0
lbs./gal.	0.00
Foam, 0 = Low, 9 = High	9
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing

## Typical Processing

- 1) Acid Pickle, derust-descale
- 2) Rinse twice.



- 3) Zinc phosphate, micron, lubrication grade zinc coating.
- 4) Rinse twice (Hot Water Neutralized Rinse Preferred #856-L or other).
- 5) Soap Lube #234, 8 oz/gallon, 180 F. 4-8 Minutes.
- 6) Air dry.
- 7) To draw bench or heading machine.

Note: Varying concentration and time in bath provides a wide window of coating weights to users.

## Packaging

Container Type	Fiber
Net Units	250
Tare Wt.	13 lb.
Gross Wt.	263
DOT_Name	Not regulated.
DOT Hazard	Not regulated.
Tarriff ID	3401.20

## Use Parameters

Concentration Range	2-8 oz/gal.
Temperature Range	175-190 F.
Time Range	2-10 minutes
Agitation	Circulation

## 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.

**WARRANTY:** HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS



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## Our People. Your Problem Solvers.

For more information on this process,  
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