

# “The Solution Is Science®”

Formulating advanced chemistry and lubricant solutions for the metalworking industry.  
Products proven to improve manufacturing performance, part quality and cost savings!

INDUSTRIAL CLEANER



Consultant Lubricants, Inc

## *P215 Accelerated Cleaner*

### *Iron Phosphate for Wand Application*

- 1) Thorough Surface Cleaning** - Dirt, oil, grease, wax and rust repel surface coatings and paint. Our pre-treatment cleaners prepare metal surfaces for uniform coverage of paint, coating or plating.
- 2) Removal of Surface Coatings** - Primers, paint and other chemicals can prevent proper adhesion to metal surfaces. Complete and even removal is achieved in preparation for finishing stages.
- 3) Reduce Surface Static** - Electrostatic interference is a common challenge for metal surface adhesion. Thoroughly cleaning is required to have none or to have an even electrostatic charge.
- 4) Minimize Surface Defects** - Uneven surfaces or flaws in material consistency can be the cause of uncoated patches or gaps. Proper pre-treatment enables these areas to receive uniform coverage.

P215 is an NBS-accelerated cleaner and iron phosphate for steel surfaces. When steel is processed through a P215 bath, the surface will be cleaned and a uniform iron phosphate coating will be applied. When aluminum or zinc is processed through a P215 bath, the surface will be cleaned.

Coatings on metal surfaces are in the range of 40 to 80 mg per square foot.

#### TYPICAL PROCESS CYCLE:

- P215 –Cleaner and Iron Phosphate
- Rinse
- Chrome or Non-Chrome Seal

#### APPLICATION

Concentration of 2.5% to 5% by volume  
Maintain total acid of 5.0-10.0 mls  
120°F to 160°F of temperature  
90 - 180 seconds contact  
15 to 20 psi nozzle pressure  
Maintain pH between 4.0 – 6.0

*Request A Trial Sample and Prove It For Yourself!*

