

“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

P200 Cleaner Phosphatizer

Straight Iron Phosphate Formula

- 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.

P200 is an NBS-accelerated cleaner and iron phosphate for steel, zinc, and aluminum surfaces. When steel is processed through a P200 bath, the surface will be cleaned and a uniform iron phosphate coating will be applied. When aluminum or zinc is processed through a P200 bath, the surface will be cleaned and etched to provide better paint adhesion.

TYPICAL PROCESS CYCLE:

- P200 – 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
120F to 160F 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!

