



CONSULTANT LUBRICANTS, INC.

"The Solution is Science®"

University of Missouri Research Park
9 Research Park Drive
St. Charles, MO 63304-5685

Consultant Lubricants, Inc. has been developing custom lubricant formulations and manufacturing advanced metalworking fluids for over forty years.



P100-IPS Accelerated Cleaner

Straight Iron Phosphate Formula

Top 4 Pre-Treatment Cleaning Challenges... and the Solution!

- 1) Surface Contamination** - 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) Prior Surface Coatings** - Primers, paint and other chemicals can prevent proper adhesion to metal surfaces. Complete and even removal is required to achieve adequate preparation for the following finishing stages.
- 3) 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) 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.

THE ADVENTURES OF GEORGE & RALPH

Ralph, How are the New Pre-Treatment Chemicals working?

Whatever chemicals they're using, people are treating me better.

I'm referring to the cleaners used to prepare metal parts for coating.

Well... I'm just saying kids can be mean!

CLI has developed pre-treatment formulas for every challenge!

Not necessarily challenges on the playground.



P100-IPS is a chlorate-accelerated iron phosphate. It will produce a dense uniform coating on steel substrates processes through the bath.

method for the metal fabricator to enhance paint finish quality and adhesion. Coatings on metal surfaces are in the range of 40 to 80 mg per square foot.

P100 -IPS will provide a consistently uniform finish and enhance paint adhesion. Because of the low concentrations required, low heat, and ease of maintenance, it offers an extremely economical

| price per gallon | | | |
|------------------|-------|---------|---------|
| Call | For | Current | Pricing |
| 1 GAL | 5 GAL | 55 GAL | 275 GAL |

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