



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.



P200-CIP Combination Cleaner

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.



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

Avoid contact with eyes, skin and clothing. Wear goggles and protective clothing. Flush exposed areas with clear cold water immediately upon contact. See a physician immediately in cases of injury.

price per gallon			
\$19.61	\$18.61	\$16.61	\$16.61
1 GAL	5 GAL	55 GAL	275 GAL

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