



CONSULTANT LUBRICANTS, INC.

"The Solution Is Science"

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

670-CC Ceramic Ladle Coating

"The Solution Is Science"®



Top 4 Die Casting Challenges... and the Solution! 670-CC

- 1) **Tool Wear and Degradation** - It is important to protect tooling from being adversely affected by the extreme heat and and destruction of molten metal.
- 2) **Solder** - The high temperatures associated with die casting are susceptible to forming solder where the molten metal meets the die steel.
- 3) **Metal Build-up** - 670-CC provides a non-stick surface that eliminates build-up.
- 4) **Part Finish & Porosity** - critical to a parts appearance and precise casting is preventing the metal from contamination.

THE ADVENTURES OF GEORGE & RALPH

Ralph, what are you learning about die casting?

Always keep your lure out of the weeds.

I'm talking about casting molten metal!

I'm more of a Heavy Metal guy, George.

Luckily, CLI knows what we need to run our operation.

I know, cause sometimes you confuse people.



670-CC Ceramic Release Coating for Mold, Ladle and Furnace, is a non-toxic water-based dispersion of ceramic pigments, wetting agents and binders. **670-CC** can be used on any surface that comes in contact with molten metal. **670-CC** is specifically designed to extend the life of ladles used in molten metal handling and refractory brick used in melt furnaces. **670-CC** is supplied in a ready to use dispersion but can be further diluted with water for your particular application.

Surface to be coated must be clean of any oil or grease with no rust or loose prior coatings remaining. **670-CC** is ready to use. Thoroughly stir until mixed. Apply coating to surface by dip, brush or spray method. Several thin coats are more beneficial than one thick coating. Do not apply to hot or wet ladle. Dilution up to 1:1.

price per gallon

Call	For	Current	Pricing
1 GAL	5 GAL	55 GAL	275 GAL

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