



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.

11-C Water-Based Lapping Compound

"The Solution is Science"®



Top 4 Lapping Challenges... and the Solution! 11-C

- 1) Incorrect Abrasive Media** - Each application is abrasive specific. Both abrasive type and particle size need to be recommended per each application. Using the wrong abrasive may not achieve the goals of the process and may even damage the part being "lapped".
- 2) Incorrect Abrasive Carrier** - Each application requires a liquid "carrier" to move abrasive to and particulate away from the workpiece. Oil based or water based needs to be determined based on cleaning and corrosion protection requirements of the part.
- 3) Abrasive Suspension Properties** - When choosing a lapping compound, it is important to determine the suspension properties and post process requirements of the fluid. Some fluids are water based for ease of cleaning and some are oil based to provide longer term corrosion protection prior to washing.
- 4) Abrasive Stability** - Lapping compounds tend to separate abrasive particles requiring the fluid provides good suspension properties. CLI compounds are thixotropic, thus, tend to firm up and hold particles in suspension when non flowing.

THE ADVENTURES OF GEORGE & RALPH

Hey Ralph, It's time to renew our lapping compounds

My lap or Yours?

We polish our gears to remove surface marks or imperfections.

Have I ever shown you my birthmark?

CLI has an ideal lapping compound for your needs!

TRUE GRIT!



11-C is water based and is suitable to suspend all types and size abrasives. Residue cleans off easily and provides excellent lubricity to move particles between the flat surface and workpiece. CLI compounds are thixotropic, thus, tend to firm up and hold particles in suspension when non flowing. This provides more consistent particle count and size to the work during use. Also, our thixotropic chemistry maintains particle suspension much longer than other fluids especially when stored in drums or totes

prior to use. CLI formulates and mfg the full spectrum of lapping compound chemistry designed for any application. Surface finish, cycle times, and abrasive type and size are all important when selecting the proper lapping compound.

price per gallon			
\$40.75	\$39.75	\$37.75	\$37.75
1 GAL	5 GAL	55 GAL	275 GAL

p: 636-926-9903 f: 636-926-9727 clisyntec.com

