



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.

4121-HCT Machining / Grinding Fluid

"The Solution Is Science"®



Top 4 Grinding Challenges... and the Solution! 4121-HCT

- 1) Short Coolant Life** - The 4121 Series provides trouble free performance up to a year or longer before requiring a coolant change. Maintain coolant/water concentration to resist rancidity and odors.
- 2) Tool Wear / Rough Surface Finish** - Whether on steel or softer materials like aluminum, the 4121 Series interfaces at the tool with Extreme Pressure chemistry to provide the longest life possible. Lubricity additives maintain optimum finish on threads and milled surfaces.
- 3) Corrosion on Machine / Parts** - As coolant ages it can become acidic and separate the emulsified oil from the water portion. The 4121 utilizes light viscosity base oils for low residue on machined parts to provide a thin, uniform protective film on machine tool and parts. 4121 is optimized for use on a broad range of materials including steel, aluminum, brass, and copper.
- 4) Tramp Oil Rejection** - 4121 Series readily rejects tramp oils to the surface. Works well with any type of filtration system or common oil skimmer units.

THE ADVENTURES OF GEORGE & RALPH

Ralph, Have you been doing any grinding lately?

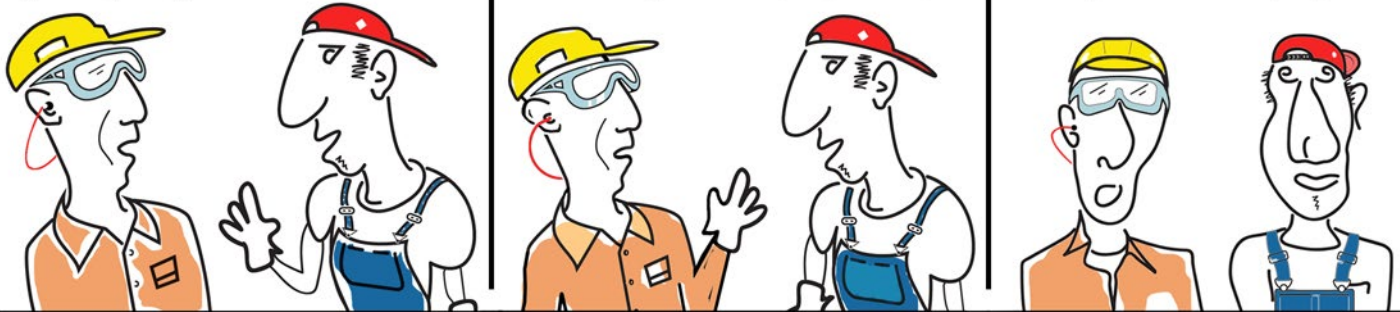
Only when the music takes me!

We need our grinding fluid to last longer!

How about we put it in the fridge, George?

I'm going to order CLI's Long Life Grinding Fluid.

Hmm, I wonder, what's in the fridge?



Consultant Lubricants' 4121-CRW is a high quality soluble oil machining coolant. This product is chemically treated with lubricity additives for excellent tool life on all materials, especially aluminum.

The 4121-CRW is an emulsion suitable for multi-metal use and machining operations where oil based fluid is preferred. The 4121-CRW combines high film strength and lubricity with exceptional anti-weld properties. Its

polarity and film properties result in greater productivity and minimized machining cost through increased tool life. The 4121-CRW is fortified for additional rust inhibiting properties and is treated to decrease bacterial growth and rancidity. This product contains no fatty additives and is fully emulsified for easy removal.

price per gallon			
\$21.50	\$20.50	\$18.50	\$18.50
1 GAL	5 GAL	55 GAL	275 GAL

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

