



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.

0816-SCT Sulfurized Cutting Oil

"The Solution Is Science"®



Top 4 Cutting Challenges... and the Solution! 0816-SCT

- 1) Anti Welding Properties** - Cutting Oils provide a very important interface when machining metal materials. As pressure increases and overcome the ability for oil to prevent metal-to-metal contact, select quality additives "activate" to prevent cold welding of material to the cutting tool.
- 2) Flushing Away Chips** - Cutting oils require a light/thin viscosity base oil to deliver the additives to "the work" while simultaneously flushing chips away from the workplace.
- 3) Cooling and Flow** - Fluids that are too thick or not adequately treated with additives will increase heat during the process and make it more difficult to keep dimensions of the finished part. Max flow is recommended in circulated systems to provide optimal cooling and reduce expansion/contraction.
- 4) Prevent Metal Staining** - Proper selection of cutting fluid is critical to maintaining compatibility with the material mix to be machined. CLI's products are treated with the proper chemistry for the appropriate metals mix. To prevent staining, do not use sulfurized cutting oils on aluminum, brass and copper alloys.

THE ADVENTURES OF GEORGE & RALPH

Ralph, have you seen the improvements in our tapping operations?

I'm more of a hip-hop dancer myself...

I'm referring to the excellent cutting, smooth finishes, and extended tool life.

George, people think I'm cutting edge, and I always have smooth finishes.

This Cutting Oil from CLI, allows us to get the best quality and run cooler!

George, did you ever see me run?

It's cool!



The 0816-SCT is a cutting oil designed for extreme pressure (EP) operations such as tapping, threading, and reaming of high alloy and stainless steels. Its excellent performance is derived from its EP additives which combine chlorine and sulfur in the same molecule. This combination provides excellent Ra (Roughness Average) finishes and increases tool life.

The 0816-SCT's lighter viscosity reduces the fluid carry off with parts and chips which means less overall fluid

makeup is needed. It will drain faster and more efficiently from chips, providing short cycle time and greater fluid recovery. Treated with active sulfur and lubricity for extreme machining on ferrous materials. Not recommended for non-ferrous materials such as brass, copper, and aluminum.

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

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

