



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.

4901-TSL CNC Machining Fluid

Runs Clear - Long Life - Full Synthetic



Top 4 CNC Machining Challenges... and the Solution! 4901-TSL

- 1) Short Coolant Life** - The 4900 Series provides exceptionally long coolant life with trouble free performance up to a year or longer while eliminating rancidity as a reason for coolant change.
- 2) Tool Wear / Rough Surface Finish** - Whether on steel or softer materials like aluminum, the 4900 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** - The 4900 Series provides excellent corrosion protection on machine tool and parts being produced, including problematic cast iron.
- 4) Tramp Oil Rejection** - The 4900 Series is treated with dual biocides to effectively manage fungal and bacterial levels. Using unique oil splitting technology to separate tramp oils for removal by skimmers.

THE ADVENTURES OF GEORGE & RALPH

Ralph, I noticed a foul smell by the CNC machine.

Was it at the same time that I was standing there?

You know we have to change often for peak performance.

But, I really hate doing laundry.

We're switching to CLI4900 to increase coolant performance and bath longevity.

I'll work on taking longer baths too.



Consultant Lubricants' 4901-TSL Machining Fluid & Coolant is used in various machining, grinding and sawing applications, is fully synthetic and mixes readily with water on a molecular level. There are no emulsified oils or petrochemicals. The 4900 Series is fortified with synthetic polymers that provide "oil-like" films to produce lubricating interfaces during machining, essentially allowing water to wet which allows the polymers to provide a tool / work piece interface. These films also penetrate the chuck, providing for easy tool changes.

4900 Series reduces cost thru less coolant consumption by remaining in the coolant as the water evaporates, requiring less coolant concentrate to maintain coolant after the initial charge. The 4900 Series is the cleanest running coolant on the market today, bonds on the molecular level with water, resulting in longer tool life and smoother surface finishes.

price per gallon			
\$20.44	\$19.44	\$17.44	\$17.44
1 GAL	5 GAL	55 GAL	275 GAL

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