



# REDUCTION OF CUTTING FLUIDS

NANO TECH 6800 & 7000

At Advanced Chemical Solutions, our mission is to be a leader in metalworking fluids by providing world-class quality, service, innovative and cost-effective products.

We strive to provide both employee and environmentally safe products that solve problems by being proactive and provide a competitive edge to our end-users production.

ACS is an innovative producer of advanced metalworking fluids and services for the automotive, aerospace, metals, mining, and metal cutting and metal forming machinery industries. Our understanding of the manufacturing process allows us to custom formulate products based on application, if those products are not already available.

Our products are designed to give outstanding bio resistance, great operator acceptance and at reasonable costs. We believe in WIN/WIN and that problems are to be solved not blamed.

## CONTACT

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## A CUTTING FLUID FOR ALL APPLICATIONS

We are often asked by end-users for a single coolant that's effective in all materials and all applications. The family of Nano Tech products eliminates the need for multiple types of coolants.

Using innovative additives, Nano Tech products can be using on Aluminum with no fear of staining to high nickel alloys, providing excellent tool life.

Engineered to provide maximum lubrication, Nano Tech products also provide maximum cooling, extending tool life in milling, drilling and turning applications.

Advanced Chemical Solutions is best known for our customized fluids that help impart the best quality finish and tool life for a specific material or cutting operation, from this Nano Tech products where formed. Using Nano Tech will provide end-users a multioperation fluid to product high quality parts without sacrificing material-based performance.



**ADVANTAGES:**

- Chlorinated
- Hard Water Stable
- No Formaldehyde
- No Sulfur
- No Heavy Metals
- Rejects Tramp Oil

Call: 330-283-3965  
330-283-5157

**MACHINING ADVANTAGES:**

- Exceptional Lubricity
- Low Foam
- Reduced Built up Edge/ Improved Tool Life
- Extended Sump Life
- Improved Finish
- Runs Cleaner


**ADVANCED CHEMICAL SOLUTIONS PRESENTS:**

**NANO TECH 6800**

By incorporating nano technology, we have created a true Micro emulsion Semi synthetic coolant, containing nanotech lubricity agents that work at the microscopic level. The nano structure in our coolant reacts under the pressure of cutting directly at the tool/workpiece interface, this helps to reduce cutting forces, which results in better surface finishes and increased heat dissipation.

These characteristics enable the Nano Tech 6800 coolant to increase tool life and help reduce the effects of virtually every root cause of tool failure, including built-up edge, flank wear, chipping, crater wear and plastic deformation.

**ADVANCED CHEMICAL SOLUTIONS**  
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**ADVANCED CHEMICAL SOLUTIONS PRESENTS:**

**NANO TECH 7000**

By incorporating nano technology, we have created a true Micro emulsion Semi synthetic coolant for heavy tapping and drilling applications. Nano Tech 7000 contains nanotech lubricity agents that react under the pressure created during the hardest cutting conditions like drilling and tapping, this helps to reduce cutting forces, which results in longer tool life, smoother and more accurate threads, increased production and better workpiece size control.

These characteristics make Nano Tech 7000 your first choice in heavy machining, tapping and drilling applications.

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For more information visit [www.advchems.com](http://www.advchems.com)

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