



# CHETO<sup>®</sup> NANO COOLANT

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**CHETO Nano Coolant** uses a newly developed, proprietary, extreme pressure nanofluid made with carbon nanoparticles that works in cutting oil & water-based metal working applications. The physical properties of these carbon nanoparticles enhance the cutting tool and metal working fluids performance.

Increase speeds & feeds 10% - 40%

Will double (2x) or triple (3x) tool life

Increase in surface finish quality (Ra)

Improves your sustainability & environmental goals

Will eliminate dumping of tanks

Reduces costs, cycle times & tool usage

- The nanoparticles lubricate (reduce friction) between the blade & the chips (graphene)
- The nanoparticles conducts & transfers heat away from the cutting edge of the tool to the sump (i.e. -300 degrees)
- The nanoparticles remove built-up on the contact surfaces as they harden/shot peen the metal surfaces of the tool
- The nanoparticles are inert, able to withstand higher temperatures, & will reduce your chemical footprint (-60%)
- The nanoparticles will never allow bacteria to grow, **never**

Powered by  **TOOL X**  
POWERED BY NANO FLUIDS TECHNOLOGY

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