

# Tool-X<sup>®</sup>

Metalworking Fluid  
Exceeds ISO 14001 Specification  
for Reduced Chemical Footprint

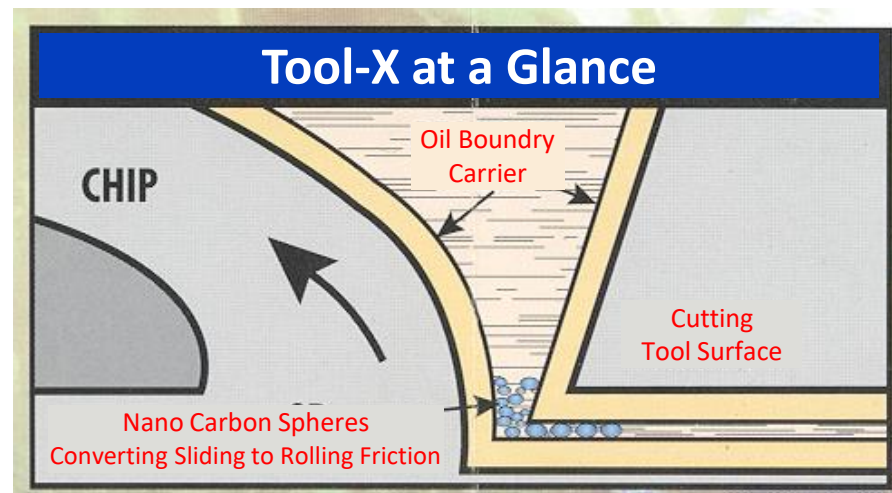
**Nano Carbon  
Fluid Technology**  
*Improve Tool Life 2 – 3X*

Finally, a Metalworking lubricant that works hard for you ! ... How ?

Tool-X deploys Carbon Nano spheres with hardness factors to withstand pressures generated during Metalworking processes. These tiny spheres (10 nm in diameter) work well in cutting fluids and fit nicely between the tool surfaces; workpiece and chip. Furthermore, they do not degrade as a result of cutting pressure or oxidation. The high concentration of spheres promoting rolling friction between the working surfaces resulting in a highly lubricious, low friction interface. Next, is heat transfer. The volume of these spheres act as a “Heat Sink” which dissipate heat energy with the Chips resulting in Cooler, more accurately machined components for longer tool life.

**Straight  
Oil Based  
Hobbing  
Shaping  
Broaching  
Thread Rolling**

*As Seen in  
Gear Technology Magazine*



**No Chlorine - No Sulfur – No Biocides - No Rancidity... Ever !  
- MSDS Available -**

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**Semi  
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*As Seen in  
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