

MetLube[®]

Metalworking Fluid



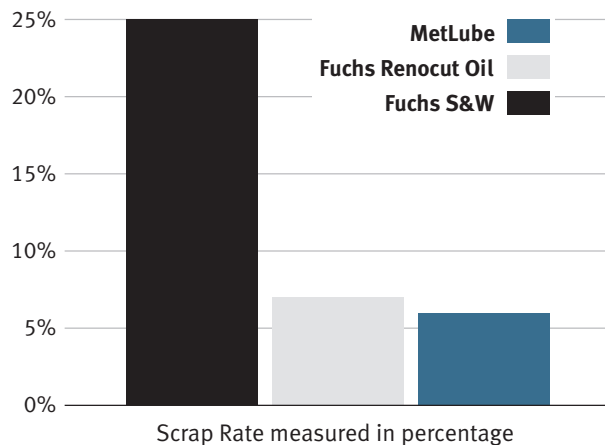
MetLube is a revolutionary, multi-machine, multi-application metalworking fluid built on chemistry unlike any other found in the industry. This unique **Complex Synthetic™** technology offers substantial operational cost savings and superior performance while assuring environmental and worker safety.

***Complex Synthetic™:** The interaction and synergy of this chemistry creates superior lubricity, heat dissipation (cooling), cleaning action, corrosion and microbial life protection. The combination of these features provides cost savings and benefits such as improved productivity, tool life, surface finishes and sump/system life.

The use of MetLube: Lowered Scrap Rate by 76%

“Every time we tried to replace oil in our manufacturing we went from a 7% rejection rate to 25%. To our surprise, MetLube far exceeded our expectations and gave us a lustrous finish.”

– Production Manager



Customer:

A leading firearm manufacturer based in New England

Situation:

Using Fuchs S&W coolant with a reaming application (Fuchs S&W was a product specifically designed by Fuchs for this company and this particular application) on hard cast stainless steel, this company suffered from:

- A need to eliminate straight oil machining
- High scrap rate

Refractometer reading during the study:

Fuchs S&W	9.0
MetLube	7.0

Scrap rate based on surface finish:

Fuchs S&W	25%
Fuchs Renocut Straight Oil	7%
MetLube	6%

Impact & Value:

- Lower concentration level
- Less concentrate to make-up
- Extended sump life
- No residue on parts
- Eliminated odor
- Cleaner working environment

Process & Equipment Information:

Application	Reaming
Material	Stainless Steel
Parts produced	Revolver Cylinder
Machine	Tsugami Machining Center