

MetLube®

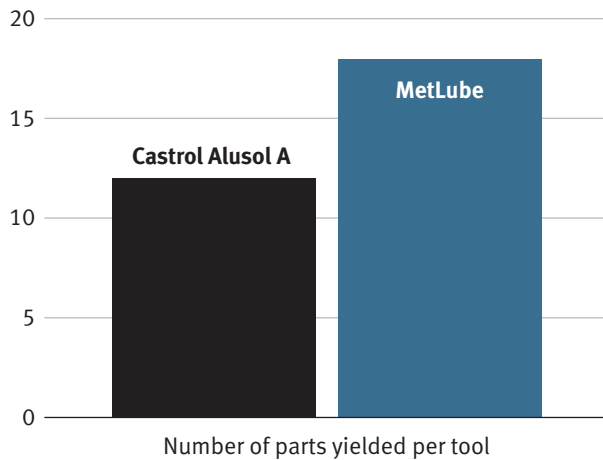
Metalworking Fluid



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: Increased tool life by 50%



Customer:

Large aerospace semi-conductor manufacturer

Situation:

Using Castrol Alusol AU 39 on a carbide tool insert on a Makino A88, ISCAR ADKT1505 PDDTR-RM 328, this company suffered from short tool life for the tool insert – it had to be replaced every 12 parts.

Refractometer reading during the study:

Castrol Alusol AU 39	9.0
MetLube	7.0

Impact & Value:

- Increased tool insert life to every 18 parts
- Less inventory purchasing/overall cost reduction
- Lower waste treatment costs
- Increased productivity
- Reduced downtime for tool changes

Process & Equipment Information:

Application CNC Machine Center
 Material Aluminum, Stainless Steel
 Parts produced ... Airplane Components/Semi-Conductors
 Machine..... Makino A88