



Case Study Nº 57

MetLube is a revolutionary, multi-machine, multiapplication 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: **Reduced scrap rate by 15% and signigicantly improved surface finish**

Customer:

Maintenance operation for a major U.S. airline

Situation:

Using Fuchs 88A on a Campbell Double Disk Grinder while grinding aluminum, this company suffered from high scrap rates and poor surface finish.

Refractometer reading during the study:

Fuchs 88A		•	 •	•	•	 •	•	•	•	•	•	•	•	•	•	•	 •	•	•	•	•	•	•		•	•	•		3.0
MetLube	•	•	 •		•		•		•	•	•	•	•	•	•	•		•	•	•	•	•	•		•				1.5

Impact & Value:

- No sticky residue
- Cleaner work area
- Better visual finish
- Eliminated foul odors

Process & Equipment Information:

Application	Grinder
Material	Aerospace Aluminum
Parts produced	Landing Gear
Machine	Campbell Double Head Grinder



Revised 03/17/05