CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 09/04/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Cutting/Tapping Fluids

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.

Cleaning: 5 min Immersion cleaning with stir-bar agitation @ 68 F, ambient
Rinsing: 1/2 min, manual, in 68F water (tap), ambient
Drying: 1 min with heat gun @ 500F
Contaminant: Steco Corp, Tap Magic Protap (cutting fluid)
CAS# 112-80-1(>75%) Aliphatic organic acid 112-62-9 (<15%) Aliphatic organic ester

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Cutting/Tapping Fluids				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
EcoLink	Bulldog	5	91.32	☑	
Innovative Organics Inc	Amberclean Q3	5	92.00	☑	
AG Environmental Products	Soy Clear 1500	100	84.80	☐	
AG Environmental Products	Canola Gold CE110	100	87.57	☑	
Phase III Inc	California Parts Washer Solution	5	85.41	☑	
PCI of America	Hurrisafe 9575	5	90.02	☑	

Conclusion: