CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 11/14/2002

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
Rinsing: 1/2 min, manual, in 68 F water (tap) ambient
Drying: 1 min with heat gun @ 500F
Contaminant: Relton, Rapid Tap HD Cutting Fluid
CAS# 61788-76-9, 64742-58-1

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Cutting/Tapping Fluids				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Buckeye International	XL 100 Cleaner & Degreaser	5	85.85	☑	
Buckeye International	Immersion Cleaner	5	93.15	☑	
Buckeye International	Ambush	5	90.15	☑	
SOQ Environmental Technology	Ecomate FN	5	91.90	☑	
Simple Green	Concentrated Industrial Strength Cleaner and Degreaser	5	83.41	☐	
Magnaflux	Daraclean 236	5	65.33	☐	
Magnaflux	Daraclean 203	5	81.62	☐	

Conclusion: