

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 09/05/2002
 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	<input checked="" type="checkbox"/>	
Innovative Organics Inc	Amberclean Q3	5	92.00	<input checked="" type="checkbox"/>	
AG Environmental Products	Soy Clear 1500	100	84.80	<input type="checkbox"/>	
AG Environmental Products	Canola Gold CE110	100	87.57	<input checked="" type="checkbox"/>	
Phase III Inc	California Parts Washer Solution	5	85.41	<input checked="" type="checkbox"/>	
PCI of America	Hurrisafe 9575	5	90.02	<input checked="" type="checkbox"/>	

Conclusion: