

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 11/25/2002
 Experimenters: Heidi Wilcox
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 PartType: Coupon
 Contaminants: Greases
 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: Formax Manufacturing Corp, F-26 grease stick polishing lubricant (solid)
 CAS# 68815-16-7 Saponified stearic
 67701-27-3 Hydrofol glycerine
 64742-52-5 Mineral oil
 102-71-6 Emulsifying agent

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Buckeye International	XL 100 Cleaner & Degreaser	5	98.61	<input checked="" type="checkbox"/>	
Buckeye International	Immersion Cleaner	5	100.05	<input checked="" type="checkbox"/>	
Buckeye International	Ambush	5	99.54	<input checked="" type="checkbox"/>	
SOQ Environmental Technology	Ecomate FN	5	97.33	<input checked="" type="checkbox"/>	
Simple Green	Concentrated Industrial Strength Cleaner and Degreaser	5	97.10	<input checked="" type="checkbox"/>	
Magnaflux	Daraclean 236	5	97.66	<input checked="" type="checkbox"/>	
Magnaflux	Daraclean 203	5	100.24	<input checked="" type="checkbox"/>	

Conclusion: