

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/10/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

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 @ 120 F
Rinsing: 1/2 min, manual, in 102 F water (tap)
Drying : 1 min with heat gun @ 500F
Contaminant: Cook's Ind Lubricants (Elf Lubricants North America Inc)
Cool 5

Results:

Summary:

Substrates:	Stainless Steel					
Contaminants:	Lubricating/Lapping Oils					
Company Name:		Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Kleer Flo Company		Grease Off 2	5	99.80	<input checked="" type="checkbox"/>	
Valtech Corporation		Valtron SP 2201	5	96.87	<input checked="" type="checkbox"/>	
Valtech Corporation		Valtron SP 2200	5	96.37	<input checked="" type="checkbox"/>	
Permatex Industrial Corporation		Natural Blue	5	99.84	<input checked="" type="checkbox"/>	
International Products Corporation		LF 2100 (Liquid Foam Cleaner)	5	99.99	<input checked="" type="checkbox"/>	
US Polychem Corporation		Polychem PW 147	5	95.58	<input checked="" type="checkbox"/>	

Conclusion: All cleaners were effective (> 96%)