

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/16/2002

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: ITW Devcon, Safetap Stick - 71907 (Solid Grinding Lube)
CAS# NONE - Plant based lube

Results:

Summary:

Substrates:		Stainless Steel			
Contaminants:		Lubricating/Lapping Oils			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Kleer Flo Company	Grease Off 2	5	100.40	<input checked="" type="checkbox"/>	
Valtech Corporation	Valtron SP 2201	5	92.30	<input checked="" type="checkbox"/>	
Valtech Corporation	Valtron SP 2200	5	96.73	<input checked="" type="checkbox"/>	
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	69.94	<input type="checkbox"/>	
US Polychem Corporation	Polychem PW 147	5	96.75	<input checked="" type="checkbox"/>	

Conclusion: Four of the five cleaners used were effective.