CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	01/15/2002
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	☑	
Valtech Corporation	Valtron SP 2201	5	92.30	☑	
Valtech Corporation	Valtron SP 2200	5	96.73	☑	
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	69.94	☐	
US Polychem Corporation	Polychem PW 147	5	96.75	☑	

Conclusion: Four of the five cleaners used were effective.