CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	01/09/2002
Experimenters:	Heidi Wilcox
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum
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 @ 120 F Rinsing: 1/2 min, manual, in 102 F water (tap) Drying : 1 min with heat gun @ 500F Contaminant: Elf Lubricants, Keystone KSL 111 Synthetic Tacky Grease CAS# 64742-478 Aliphatic solv
Results:	

Summary:

Substrates:	Aluminum				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Kleer Flo Company	Grease Off 2	5	82.24	☐	
Valtech Corporation	Valtron SP 2201	5	69.59	☐	
Valtech Corporation	Valtron SP 2200	5	92.93	☑	
Permatex Industrial Corporation	Natural Blue	5	80.22	☐	
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	98.59	☑	
US Polychem Corporation	Polychem PW 147	5	71.64	☐	

Conclusion: Only two cleaners were effective; Valtron SP 2200 and LF 2100 (92.93 & 98.59 %)