

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/10/2002

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	<input type="checkbox"/>	
Valtech Corporation	Valtron SP 2201	5	69.59	<input type="checkbox"/>	
Valtech Corporation	Valtron SP 2200	5	92.93	<input checked="" type="checkbox"/>	
Permatex Industrial Corporation	Natural Blue	5	80.22	<input type="checkbox"/>	
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	98.59	<input checked="" type="checkbox"/>	
US Polychem Corporation	Polychem PW 147	5	71.64	<input type="checkbox"/>	

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