

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 01/08/2002
 Experimenters: Heidi Wilcox
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 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 (spray)

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Kleer Flo Company	Grease Off 2	5	97.38	<input checked="" type="checkbox"/>	
Valtech Corporation	Valtron SP 2201	2	91.95	<input checked="" type="checkbox"/>	
Valtech Corporation	Valtron SP 2200	2	92.04	<input checked="" type="checkbox"/>	
Permatex Industrial Corporation	Natural Blue	5	91.84	<input checked="" type="checkbox"/>	
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	87.55	<input checked="" type="checkbox"/>	
US Polychem Corporation	Polychem PW 147	5	79.57	<input type="checkbox"/>	This cleaner was not effective on the Tacky Spray Grease

Conclusion: All Cleaners were effective except U.S. Polychem PW-147 cleaner (79.57 average % removal)