

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/16/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Resins/Rosins

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: Solutia Inc, Gelva Multipolymer Resin Soln 2895
CAS# 50862-469, resin solid ~ 40% by weight

Results:

Summary:

Substrates:		Stainless Steel				
Contaminants:		Resins/Rosins				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
Kleer Flo Company	Grease Off 2	5	3.64	<input type="checkbox"/>		
Valtech Corporation	Valtron SP 2201	5	4.96	<input type="checkbox"/>		
Valtech Corporation	Valtron SP 2200	5	6.19	<input type="checkbox"/>		
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	4.46	<input type="checkbox"/>		
US Polychem Corporation	Polychem PW 147	5	6.26	<input type="checkbox"/>		

Conclusion: None of the cleaners were effective.