

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003
 DateRun: 04/10/2003
 Experimenters: Jason Marshall
 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: Ashland Specialty Chem Co, Acrylic resin, Aeroset 1872 Z 40
 CAS# 108-88-3, 141-78-6

Results:

Summary:

Substrates:		Stainless Steel			
Contaminants:		Resins/Rosins			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Florida Chemical Company	Citrus Burst 7	100	96.81	<input checked="" type="checkbox"/>	
Twin Rivers Technologies	Methyl Ester 1618	100	91.61	<input checked="" type="checkbox"/>	
AG Environmental Products	Canola Gold CE110	100	-218.70	<input type="checkbox"/>	
AG Environmental Products	Soy Clear 1500	100	-350.29	<input type="checkbox"/>	
Vertec BioSolvents	Ink Zapper	100	-298.42	<input type="checkbox"/>	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	92.42	<input checked="" type="checkbox"/>	
Pentone Corporation	Citrikleen XPC	100	-61.42	<input type="checkbox"/>	

Conclusion: Wipe removal done on 4 cleaners after trial was run to see if it increased efficiency. It is trial 252