

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/12/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Waxes

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 at 120 F with stir-bar agitation
Rinsing: 1/2 min. manual with water at 120 F
Drying: Coupons were left to be dried for 30. Min.
Contaminant: Paraffin wax- Stevenson Brother and Co. Inc. - Petroleum Wax

Results:

Summary:

Substrates:		Stainless Steel			
Contaminants:		Waxes			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Carroll Company	Blue Gold Heavy Industrial Cleaner	5	-0.10	<input type="checkbox"/>	
EnviroSan Products Ltd	Solution 2000	5	0.93	<input type="checkbox"/>	
ITW Fluid Products Group	AccuClean	5	0.01	<input type="checkbox"/>	
Tarksol Inc	Tarksol HTF 60	100	-18.28	<input type="checkbox"/>	This cleaner has tendensy to stick to the surface hence there is observed increase in weight.
Heatbath Corporation	Alu-Kleen 36	5	0.24	<input type="checkbox"/>	
Heatbath Corporation	Power Wash Cleaner BCR	5	0.01	<input type="checkbox"/>	

Conclusion: None of the cleaners were effective.