CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/12/2002

Experimenters: Purav Dave

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 at 120 F with stir-bar agitation.
Rinsing: 1/2 min. manual with water at 120 F
Drying: 1 min. with heat gun at 500 F.
Contaminant: gelva multipolymer resin solution.
Cas #: 50862-46-9, 141-78-6, 142-82-5, 67-63-0, 64-17-5, 108-05-4.

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Resins/Rosins				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Carroll Company	Blue Gold Heavy Industrial Cleaner	5	9.39	☐	
EnviroSan Products Ltd	Solution 2000	5	9.79	☐	
ITW Fluid Products Group	AccuClean	5	7.99	☐	
Oakite Products	Inproclean 2000	5	8.97	☐	
Tarksol Inc	Tarksol HTF 60	100	-21.27	☐	one fo the coupon was wiped with paper and then weighed.
Magnaflux	Daraclean 200	5	5.82	☐	
CRC Industries	Complex Blue	5	5.79	☐	
United Laboratories International	United 450 All Clear	5	5.73	☐	
Tarksol Inc	Tarksol HTF 60	100	89.36	☐	Worked well but 1 hr soaking

Conclusion: None of the cleaners worked. Tarksol HTF- 60 was tested again as it left the resin solution dry even after rinsing. The coupons were soaked in the cleaner for 1 hr. and eft hanging for 2 days. Almost all the resin dripped off the coupons.