CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 01/10/2003

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Greases

Cleaning Methods: Ultrasonics

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.

Degassing: Degassing the solution by keeping solutions in ultrasonic crest for 5 min at 120 F.
Cleaning: Ultrasonic for 5 min. at 120 F.
Rinsing: 1/2 min. manual with water at 120 F.
Drying: 30 seconds, heat gun 500 F

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Ashland Specialty Chemical Company	Perchloroethylene	5	8.36	☐	
Brulin Corporation	Airshow W	5	-0.53	☐	
BioGenesis Enterprises Inc	BG Solv 717 Ink & Graffiti Cleaner	100	87.24	☑	
Gemtek Products	SC EZ Solv Safety Solvent	100	5.24	☐	
CRC Industries	HydroForce Butyl-Free All Purpose Cleaner	100	99.05	☑	
Buckeye International	Work Out	5	-0.45	☐	

Conclusion: Took four worst sets of coupons from previous trial and tried more energy by using Ultrasonics to clean for between 5-10 minutes.