CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 02/05/2003

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

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 120 F water (tap)
Drying: 1 min with heat gun @ 500F
Contaminant: Magnum Teflon Lubricant (LPS)
CAS# 64742-96-7, 64742-65-0, 68602-85-7, 58755-77-3, 124-38-9

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Lubricating/Lapping Oils				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Ashland Specialty Chemical Company	Perchloroethylene	5	88.83	☑	
Brulin Corporation	Airshow W	5	83.91	☐	
BioGenesis Enterprises Inc	BG Solv 717 Ink & Graffiti Cleaner	100	100.17	☑	
Gemtek Products	SC EZ Solv Safety Solvent	100	94.43	☑	
CRC Industries	HydroForce Butyl-Free All Purpose Cleaner	100	98.02	☑	
Buckeye International	Work Out	100	99.31	☑	

Conclusion: