

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	<input checked="" type="checkbox"/>	
Brulin Corporation	Airshow W	5	83.91	<input type="checkbox"/>	
BioGenesis Enterprises Inc	BG Solv 717 Ink & Graffiti Cleaner	100	100.17	<input checked="" type="checkbox"/>	
Gemtek Products	SC EZ Solv Safety Solvent	100	94.43	<input checked="" type="checkbox"/>	
CRC Industries	HydroForce Butyl-Free All Purpose Cleaner	100	98.02	<input checked="" type="checkbox"/>	
Buckeye International	Work Out	100	99.31	<input checked="" type="checkbox"/>	

Conclusion: