

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007
 DateRun: 09/11/2007
 Experimenters: Shweta Bansal
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 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.
 Cleaning: 5 min Ultrasonics cleaning at 130 F with stir-bar agitation.
 Rinsing with Tap Water
 Drying: 30 s50 Air blow off using hose and outlet on bench
 Contaminant
 Liqui lube
 Substrate 2"x 4"x 0.06" Aluminum Coupons

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Greases				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Gemtek Products	SC Aircraft & Metal Cleaner Super Concentrate	5	96.63	<input checked="" type="checkbox"/>	
Valtech Corporation	Valtron SP 2275	5	97.68	<input checked="" type="checkbox"/>	
Brulin Corporation	Aquavantage 3800 GD	5	98.87	<input checked="" type="checkbox"/>	
Oakite Products	Inproclean 3800	5	99.81	<input checked="" type="checkbox"/>	

Conclusion: