

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 09/12/2007

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: