CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2007
DateRun:	09/25/2007
Experimenters:	Shweta Bansal
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Coupon
Contaminants:	Oil
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 Soak cleaning at 130 F with stir-bar agitation. Rinsing with Tap Water Drying: 30 sec Air blow off using hose and outlet on bench Contaminant Soybean Substrate 2"x 4"x 0.06" Aluminum Coupons
Results:	

Summary:

Substrates:	Aluminum				
Contaminants:	Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Gemtek Products	SC Supersolve Safety Solvent	5	94.62	☑	
Valtech Corporation	Valtron SP 2275	5	93.99	☑	
Magnaflux	Daraclean 235	5	84.08	☐	
21st Century Composites	Envirosolve	5	96.77	☑	

Conclusion: Oil was left on the coupons for SC Supersolv,Valtron SP 2275 and Daraclean 235 and dripped of while drying them but there was almost no oil on the coupons used for Envirosolve.