CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2001
DateRun:	12/30/2001
Experimenters:	Purav Dave
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Coupon
Contaminants:	Cutting/Tapping Fluids
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 at 120 F with stir-bar agitation. Rinsing : 1/2 min manual in water at 120 F Drying : 1 min with heat gun at 500 F. Contaminants : Winfield Brooks - Alumtap. Cas # 64742-53-6, 127-18-4, 111-63-7.
Results:	
Summary:	

Substrates:	Aluminum				
Contaminants:	Cutting/Tapping Fluids				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Alconox Inc	Alcojet	1	82.08	☐	
Buckeye International	Shopmaster FF	5	92.38	☑	
Buckeye International	Shopmaster HP	5	92.05	☑	
Buckeye International	Shopmaster LPH	5	89.92	☑	
Calgon Corporation	SC 431	5	97.16	☑	
Buckeye International	Immersion Cleaner	5	92.39	☑	
Brulin Corporation	Aquavantage 1400	5	97.37	☐	

Conclusion: