CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2004
DateRun:	05/25/2004
Experimenters:	Dave Hout
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Coupon
Contaminants:	Waxes
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. Two products were used at full strength and six products were heated to 130 F on a hot plate. Twenty-one preweighed coupons were coated with Aremco Crystal bond 509 and allowed to dry for a half an hour and reweighed.
Results:	

Summary:

Substrates:	Aluminum				
Contaminants:	Waxes				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Buckeye International	XL 100 Cleaner & Degreaser	5	56.06	☐	
Kyzen Corporation	Ionox HC	100	44.74	☐	
Nensco	DT 600 Press Wash	5	-3.52	☐	
Nensco	USA Wash	100	0.18	☐	
SOQ Environmental Technology	Ecomate FN	5	-0.54	☐	
US Polychem Corporation	Polychem A 2000 P	5	-0.45	☐	

Conclusion: All products were ineffective at removing the contaminants.