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.