

# 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:

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

Conclusion: All products were ineffective at removing the contaminants.