

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004  
 DateRun: 05/28/2004  
 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 Roger Reed Wax 6816 and allowed to dry for a half an hour and reweighed. Three coupons were cleaned with product.

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>
Kyzen Corporation	Ionox HC	100	3.47	<input type="checkbox"/>	
Nensco	USA Wash	100	58.03	<input type="checkbox"/>	
Alconox Inc	Liquinox	5	5.25	<input type="checkbox"/>	
Buckeye International	Work Out	5	25.96	<input type="checkbox"/>	
Buckeye International	XL 100 Cleaner & Degreaser	5	40.25	<input type="checkbox"/>	
Nensco	DT 600 Press Wash	5	55.27	<input type="checkbox"/>	
Magnuson Products	Permag S-4	5	13.48	<input type="checkbox"/>	
US Polychem Corporation	Polychem A 2000 P	5	7.69	<input type="checkbox"/>	

Conclusion: All products were ineffective at removing the contaminant.