CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004

DateRun: 05/27/2004

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:

Substrates:	Aluminum				
Contaminants:	Waxes				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Kyzen Corporation	Ionox HC	100	3.47	☐	
Nensco	USA Wash	100	58.03	☐	
Alconox Inc	Liquinox	5	5.25	☐	
Buckeye International	Work Out	5	25.96	☐	
Buckeye International	XL 100 Cleaner & Degreaser	5	40.25	☐	
Nensco	DT 600 Press Wash	5	55.27	☐	
Magnuson Products	Permag S-4	5	13.48	☐	
US Polychem Corporation	Polychem A 2000 P	5	7.69	☐	

Conclusion: All products were ineffective at removing the contaminant.