

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001  
 DateRun: 03/27/2001  
 Experimenters: John Brunelle  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Aluminum, Brass, Stainless Steel, Other  
 PartType: Coupon  
 Contaminants: Coatings, Cutting/Tapping Fluids, Greases, Inks, Lubricating/Lapping Oils, Oil  
 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.  
 Laboratory evaluation.  
 Contaminant: Grease, KSL 111, CAS: 64742-47-8  
 Oil, Hydraulic, CAS: 64742-65-0  
 Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7  
 Cutting Fluid - Winbro Alumtap CAS: 127-18-4  
 Ink, Tough Tex  
 Coating, Tectyl 506 Rust Preventative, CAS: 8052-41-3

Results:  
 Summary:

<b>Substrates:</b>	Aluminum, Brass, Stainless Steel, Other				
<b>Contaminants:</b>	Coatings, Cutting/Tapping Fluids, Greases, Inks, Lubricating/Lapping Oils, Oil				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Calgon Corporation	Geo Guard 4017	5	5.95	<input type="checkbox"/>	ink
Calgon Corporation	Geo Guard 4017	5	2.25	<input type="checkbox"/>	coating
Calgon Corporation	Geo Guard 4017	5	26.90	<input type="checkbox"/>	grease
Hurri Kleen Corpotion	Special Formula Degreaser	5	101.36	<input checked="" type="checkbox"/>	oil
Hurri Kleen Corpotion	Special Formula Degreaser	5	59.19	<input type="checkbox"/>	grease
Hurri Kleen Corpotion	Special Formula Degreaser	5	7.93	<input type="checkbox"/>	lubricant
New Pig Corporation	Hoofmark All Purpose Cleaner & Degreaser	5	96.42	<input checked="" type="checkbox"/>	cutting fluid
New Pig Corporation	Hoofmark All Purpose Cleaner & Degreaser	5	25.99	<input type="checkbox"/>	grease
New Pig Corporation	Hoofmark All Purpose Cleaner & Degreaser	5	100.53	<input checked="" type="checkbox"/>	oil
Oakite Products	Oakite 77	4	96.38	<input checked="" type="checkbox"/>	oil
Oakite Products	Oakite 77	4	103.74	<input type="checkbox"/>	lubricant
Oakite Products	Oakite 77	4	61.79	<input type="checkbox"/>	grease

Conclusion: