

# 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 Corporation	Special Formula Degreaser	5	101.36	<input checked="" type="checkbox"/>	oil
Hurri Kleen Corporation	Special Formula Degreaser	5	59.19	<input type="checkbox"/>	grease
Hurri Kleen Corporation	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: