CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 03/26/2001

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:

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

Conclusion: