

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:

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|-------------------------|--|---------------|--------------------|-------------------------------------|----------------------|
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| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| 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: