

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001
 DateRun: 12/13/2001
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Brass
 PartType: Coupon
 Contaminants: Buffing/Polishing Compounds
 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.
 Cleaning: 5 min. immersion cleaning at 120 F
 Rinsing: 1/2 min. manual water rinse at 120 F
 Drying: 1 min drying with heat gun at 500 F
 Contaminant : The Lea manufacturing company- Learock 2-B-111
 Abrasive , fatty acids, glycerides and petroleum wax

Results:

Summary:

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|-----------------------|-----------------------------|---------------|--------------------|-------------------------------------|----------------------|
| Substrates: | Brass | | | | |
| Contaminants: | Buffing/Polishing Compounds | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Alconox Inc | Alcojet | 1 | 79.31 | <input type="checkbox"/> | |
| Buckeye International | Shopmaster FF | 5 | 165.08 | <input type="checkbox"/> | |
| Buckeye International | Shopmaster HP | 5 | 67.64 | <input type="checkbox"/> | |
| Buckeye International | Shopmaster LPH | 5 | 88.94 | <input checked="" type="checkbox"/> | |
| Calgon Corporation | SC 431 | 5 | 82.51 | <input type="checkbox"/> | |
| Buckeye International | Immersion Cleaner | 5 | 96.99 | <input checked="" type="checkbox"/> | |
| Brulin Corporation | Aquavantage 1400 | 5 | 106.10 | <input type="checkbox"/> | |

Conclusion: