

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 10/26/2000

Experimenters: John Brunelle, Todd MacFadden

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Nickel, Stainless Steel

PartType: Coupon

Contaminants: Buffing/Polishing Compounds, Coatings, Greases, 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: Coating, CAS: 64742-47-8, 64742-52-5
Oil, Citgo Cutting Oil 425, CAS: 64742-65-0, 64741-88-4, 64741-89-5, 64742-54-7
Grease, Formax, CAS: 68815-16-7, 67701-27-3, 64742-52-5, 102-71-6
Lubricant, Keystone, CAS: 64742-47-8, 63148-62-9
Cutting Fluid, Cutting fluid CRC, CAS: 64742-52-5, 64742-65-0, 74-98-6, 75-28-5
Buffing compound, Antique Buff, CAS: 9000-70-8, 1344-28-1, 409-21-2, 1309-37-1

Results:

Summary:

| Substrates: | Aluminum, Brass, Copper, Nickel, Stainless Steel | | | | |
|--------------------------|---|--------|-------------|-------------------------------------|---------------|
| Contaminants: | Buffing/Polishing Compounds, Coatings, Greases, Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Chemical Technologies | Green Thunder | 10 | 99.59 | <input checked="" type="checkbox"/> | lubricant |
| Chemical Technologies | Green Thunder | 10 | 98.48 | <input checked="" type="checkbox"/> | cutting fluid |
| Chemical Technologies | Green Thunder | 10 | 86.74 | <input checked="" type="checkbox"/> | grease |
| Chemical Technologies | Green Thunder | 10 | 75.13 | <input type="checkbox"/> | oil |
| Hubbard Hall Inc | Aquasonic 201 | 5 | 81.75 | <input type="checkbox"/> | lubricant |
| Hubbard Hall Inc | Aquasonic 201 | 5 | 40.59 | <input type="checkbox"/> | cutting fluid |
| Hubbard Hall Inc | Aquasonic 201 | 5 | 75.59 | <input type="checkbox"/> | grease |
| Hubbard Hall Inc | Aquasonic 201 | 5 | 88.33 | <input checked="" type="checkbox"/> | oil |
| Innovative Organics Inc | Amberclean L 12 | 5 | 93.22 | <input checked="" type="checkbox"/> | lubricant |
| Innovative Organics Inc | Amberclean L 12 | 5 | 92.03 | <input checked="" type="checkbox"/> | cutting fluid |
| Innovative Organics Inc | Amberclean L 12 | 5 | 96.81 | <input checked="" type="checkbox"/> | grease |
| Innovative Organics Inc | Amberclean L 12 | 5 | 63.30 | <input type="checkbox"/> | oil |
| ITW Fluid Products Group | AccuClean | 5 | 89.59 | <input checked="" type="checkbox"/> | lubricant |
| ITW Fluid Products Group | AccuClean | 5 | 77.44 | <input type="checkbox"/> | cutting fluid |
| ITW Fluid Products Group | AccuClean | 5 | 96.18 | <input checked="" type="checkbox"/> | grease |
| ITW Fluid Products Group | AccuClean | 5 | 90.80 | <input checked="" type="checkbox"/> | oil |

Conclusion: