

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 07/19/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Coatings, Inks, Rust/Scale

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Four products were diluted to 5% and heated to 130 F. Stainless steel coupons were soiled with a coating, an ink and rust/scale.

Results: Positioning may have played a factor in lowering the recorded efficiency of cleaners 2 and 3. Two of three coupons had good results for both cleaners.

Summary:

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|-----------------------------|-------------------------|----------------------------|--------------------|-------------------------------------|----------------------|
| Substrates: | | Stainless Steel | | | |
| Contaminants: | | Coatings, Inks, Rust/Scale | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Alconox Inc | Det-O-Jet | 5 | 67.00 | <input type="checkbox"/> | coating |
| EcoLink | Universal Steam Cleaner | 5 | 71.00 | <input type="checkbox"/> | coating |
| EcoLink | Universal Steam Cleaner | 5 | 71.10 | <input type="checkbox"/> | rust/scale |
| Warren Chemical Company | Sea Wash Neutral | 5 | 63.60 | <input type="checkbox"/> | coating |
| Warren Chemical Company | Sea Wash Neutral | 5 | 99.00 | <input checked="" type="checkbox"/> | ink |
| Master Chemical Corporation | Trim Rinse 200 | 5 | 29.00 | <input type="checkbox"/> | ink |

Conclusion: Minimal success.