

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 11/30/2000

Experimenters: Todd MacFadden

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Stainless Steel, Steel

PartType: Coupon

Contaminants: Inks

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: 1-Ink, AB Dick 3-2020 Electrostatic Black
2-Ink, Van Son Pantone V5386 Reflex Blue
3-Ink, Daye Black

Results:

Summary:

| Substrates: | Aluminum, Stainless Steel, Steel | | | | |
|--------------------------|----------------------------------|--------|-------------|--------------------------|---------------|
| Contaminants: | Inks | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Hotsy Cleaning Systems | Tubmate All Purpose | 5 | 0.83 | <input type="checkbox"/> | ink1 |
| Hotsy Cleaning Systems | Tubmate All Purpose | 5 | 0.85 | <input type="checkbox"/> | ink 2 |
| Hotsy Cleaning Systems | Tubmate All Purpose | 5 | 3.25 | <input type="checkbox"/> | ink 3 |
| By Pas and Star Products | Star Cleaning Miracle # 50 | 5 | 1.34 | <input type="checkbox"/> | ink 1 |
| By Pas and Star Products | Star Cleaning Miracle # 50 | 5 | 1.00 | <input type="checkbox"/> | ink 2 |
| By Pas and Star Products | Star Cleaning Miracle # 50 | 5 | 3.58 | <input type="checkbox"/> | ink 3 |
| Dysol | DS 104 Wipe Solvent | 100 | 68.50 | <input type="checkbox"/> | ink 1 |
| Dysol | DS 104 Wipe Solvent | 100 | 40.59 | <input type="checkbox"/> | ink 2 |
| Dysol | DS 104 Wipe Solvent | 100 | 36.10 | <input type="checkbox"/> | ink 3 |
| Sky Products Company Inc | Cleaner #10 | 5 | 1.78 | <input type="checkbox"/> | ink 1 |
| Sky Products Company Inc | Cleaner #10 | 5 | 3.30 | <input type="checkbox"/> | ink 2 |
| Sky Products Company Inc | Cleaner #10 | 5 | 3.45 | <input type="checkbox"/> | ink 3 |

Conclusion: