# CLEANING LABORATORY EVALUATION SUMMARY

| | |
|---|---|
| SCL #: | 2004 |
| DateRun: | 01/04/2004 |
| Experimenters: | Dave Hout |
| ClientType: | Lab |
| ProjectNumber: | Project #1 |
| Substrates: | Stainless Steel |
| PartType: | Coupon |
| Contaminants: | Lubricating/Lapping Oils |
| 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.<br>Two products were heated to 130 F on a hot plate. Six preweighed coupons were coated with Lubricant - LPS Magnum Teflon Lubricant and allowed to dry for a half an hour and reweighed. Three coupons were cleaned in each solution for 5 minutes using stir-bar-agitation, rinsed in a tap water bath for 15 seconds at 120 F and dried using air blow off for 30 seconds at 68 F. Coupons were allowed to dry for a half an hour and then reweighed a final time. Effeciencies were calculated. |
| Results: | |

Summary:

| **Substrates:** | Stainless Steel | | | | |
|---|---|---|---|---|---|
| **Contaminants:** | Lubricating/Lapping Oils | | | | |
| **Company Name:** | **Product Name:** | **Conc.:** | **Efficiency:** | **Effective:** | **Observations:** |
| Valtech Corporation | Valtron SP 2500 | 5 | 93.97 | ☑ | |
| Watson Technical Associates | Watson Formula 9000 | 5 | 95.53 | ☑ | |

Conclusion: Both products were effective at an efficiency rate of >93%