# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 09/11/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Greases

Cleaning Methods: Ultrasonics

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 Ultrasonics cleaning at 130 F with stir-bar agitation.
Rinsing with Tap Water
Drying: 30 s50 Air blow off using hose and outlet on bench
Contaminant
Liqui lube
Substrate 2"x 4"x 0.06" Aluminum Coupons

Results:

Summary:

| **Substrates:** | Aluminum | | | | |
|---|---|---|---|---|---|
| **Contaminants:** | Greases | | | | |
| **Company Name:** | **Product Name:** | **Conc.:** | **Efficiency:** | **Effective:** | **Observations:** |
| Gemtek Products | SC Aircraft & Metal Cleaner Super Concentrate | 5 | 96.63 | ☑ | |
| Valtech Corporation | Valtron SP 2275 | 5 | 97.68 | ☑ | |
| Brulin Corporation | Aquavantage 3800 GD | 5 | 98.87 | ☑ | |
| Oakite Products | Inproclean 3800 | 5 | 99.81 | ☑ | |

Conclusion: