# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 04/01/2003

Experimenters: Jason Marshall

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: 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.
Cleaning: 5 min Immersion cleaning with stir-bar agitation @ 120 F
Drying: wipe
Contaminant: Citgo Quench Oil 22 CAS# 64741-89-5, 8052-42-4

Results:

Summary:

| **Substrates:** | Aluminum | | | | |
|---|---|---|---|---|---|
| **Contaminants:** | Oil | | | | |
| **Company Name:** | **Product Name:** | **Conc.:** | **Efficiency:** | **Effective:** | **Observations:** |
| Twin Rivers Technologies | Methyl Ester 1618 | 100 | 87.70 | ☑ | |
| AG Environmental Products | Canola Gold CE110 | 100 | 97.09 | ☑ | |
| AG Environmental Products | Soy Gold 1000 | 100 | 94.99 | ☑ | |
| AG Environmental Products | Soy Gold 2000 | 100 | 94.90 | ☑ | |
| AG Environmental Products | Soy Clear 1500 | 100 | 90.76 | ☑ | |
| United Laboratories International | United 2002 Harvest Gold | 100 | 91.34 | ☑ | |
| Vertec BioSolvents | VertecBio Gold Unscented Part Cleaner | 100 | 76.68 | ☐ | |

Conclusion: