

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 11/19/2001

Experimenters: Ravi Krishnappa

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.
(i) 5 minute immersion cleaning with stir bar agitation @ 120 degree F.
(ii) 30 sec manual rinse with water @120 degree F.
(iii) air drying for about 24 hours.
CONTAMINANT INFO: CRC Cutting Oil - Thread cutting compound for ferrous and non-ferrous
64742-53-6, 64742-52-5, 75-28-5, 74-98-6

Results:

Summary:

| Substrates: | | Stainless Steel | | | |
|------------------------------|----------------------------------|--------------------------|-------------|-------------------------------------|---------------|
| Contaminants: | | Lubricating/Lapping Oils | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| EnviroSan Products Ltd | Solution 2000 | 10 | 77.20 | <input type="checkbox"/> | |
| LPS Laboratories | Precision Clean Concentrate | 10 | 92.60 | <input checked="" type="checkbox"/> | |
| EcoLink | Heavy Weight Non Butyl Detergent | 10 | 65.40 | <input type="checkbox"/> | |
| Cleaning Systems | Release | 10 | 80.30 | <input type="checkbox"/> | |
| Ardrox Inc | 6333 | 25 | 98.80 | <input type="checkbox"/> | |
| Baum's Castorine Company Inc | EZE Oil-Grease Cleaner | 25 | 93.80 | <input checked="" type="checkbox"/> | |

Conclusion: