

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/25/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Coatings, Cutting/Tapping Fluids, Resins/Rosins

Cleaning Methods:

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.  
Heating in oven at 100 C and observing the change in weight at 10 min., 30 min., 60 min.  
1. Coating - The Valvoline Co. Tectyl 506 Petroleum based rust preventative  
2. Resin - Solutia Inc. Gelva Multipolymer Resin Solution 2895 (50862-46-9, 141-78-6, 142-82-5, 67-63-0, 64-17-5, 108-05-4)  
3. Cutting Fluid - Bencyn, Inc. B-5186, Metal Working Compound (64742-52-5, 9003-29-6, 39464-69-2, 63197-48-8)

Results: Not much removal was observed.

Summary:

<b>Substrates:</b>		Stainless Steel			
<b>Contaminants:</b>		Coatings, Cutting/Tapping Fluids, Resins/Rosins			
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
No Specific Vendor	Heat-Oven		4.85	<input type="checkbox"/>	Time: 10 minutes-30 minutes

Conclusion: