

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 03/24/2002  
 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: