

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 01/17/2002  
 Experimenters: Heidi Wilcox  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Alloys  
 PartType: Coupon  
 Contaminants: Inks  
 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.  
 Degasing: Degasing the solution by keeping solutions in ultrasonic crest for 5 min at 120 F.  
 Cleaning: Ultrasonic for 2 min. at 120 F.  
 Rinsing: 1/2 min. manual with water at 120 F.  
 Contaminant: ITW, Dykem Corp, Ink, Steel Blue - DX - 100

Results:

Summary:

<b>Substrates:</b>	Alloys				
<b>Contaminants:</b>	Inks				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Valtech Corporation	Valtron SP 2201	5	12.86	<input type="checkbox"/>	
Kleer Flo Company	Grease Off 2	5	18.57	<input type="checkbox"/>	
Valtech Corporation	Valtron SP 2200	2	26.68	<input type="checkbox"/>	
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	-20.67	<input type="checkbox"/>	
US Polychem Corporation	Polychem PW 147	5	104.00	<input checked="" type="checkbox"/>	

Conclusion: Only Perfect way 147 was found to be effective with 104% removal on average. This differs from trial 147, where the same ultrasonics and cleaners were used (except for Natural Blue was used in Trial 147) after 5-minute immersion cleaning in trial 145.