

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 07/08/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Inks

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Four products were diluted to 5% and heated to 130 F. Stainless steel coupons were coated with Black dye ink.

Results: Although water was not tested, it could have been included and done well. The dye was not truly adhering to the surface until it had dried there. The dye was removed within the first minutes (1-2) of the immersion, in most cases.

Summary:

<b>Substrates:</b>	Stainless Steel				
<b>Contaminants:</b>	Inks				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Warren Chemical Company	Sea Wash Neutral	5	88.00	<input checked="" type="checkbox"/>	
Man Gill Chemical Company	Gillite 160 X	5	72.00	<input type="checkbox"/>	
Calgon Corporation	Geo Guard 4017	5	83.00	<input type="checkbox"/>	
Baum's Castorine Company Inc	Protecto Clean 148	5	80.00	<input type="checkbox"/>	

Conclusion: Three of the four removed over 80% of the ink.