CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2015
DateRun:	06/10/2015
Experimenters:	Alicia Melvin
ClientType:	Chemical Company
ProjectNumber:	Project #1
Substrates:	Stainless Steel
PartType:	Coupon
Contaminants:	Waxes
Cleaning Methods:	Immersion/Soak
Analytical Methods:	Visual
Purpose:	To evaluate Methyl 408 and Ethyl 408 on their removal effectiveness for wax removal
Experimental Procedure:	Three waxes were applied to stainless steel surfaces and then cleaned using immersion and manual cleaning.
Results:	Both Methyl 408 and Ethyl 408 are not very effective and absorb into the synthetic and bee's wax. The absorption caused a lack of gravimetric information on removal. Ethyl 408 is the best option for carnauba wax removal. The Methyl 408 only slightly took off the carnauba wax.

Cleaning Category Wax			
Soil type	Bees wax	Carnauba wax	Synthetic
Substrate	stainless	stainless	stainless
Methyl 408	Not Effective	Slightly Effective	Not Effective
Ethyl 408	Slightly Effective	Mostly Effective	Not Effective

Summary:

Substrates:	Stainless Steel				
Contaminants:	Waxes				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Xf Technologies	Methyl 408	100	0.00	☐	
Xf Technologies	Ethyl 408	100	0.00	☐	

Conclusion: Limited effectiveness for wax removal using supplied solvents.