

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
DateRun: 07/01/2002
Experimenters: Jason Marshall
ClientType: Optical Manufacturer
ProjectNumber: Project #2
Substrates: Stainless Steel
PartType: Part
Contaminants: Adhesive
Cleaning Methods: Immersion/Soak
Analytical Methods: Visual

Purpose: To evaluate immersion cleaning for adhesive removal from stainless steel parts.

Experimental Procedure: Two cleaners from the previous trial were used at room temperature (85 F) at full strength. One stainless steel part was immersed into each solution. Observations were made at 5, 10 and 30 minutes. The parts were wiped at each interval to determine if the adhesive could be easily removed.

Results:	Cleaning Product	Observations
	Bio T Max	5 min - Softening the adhesive
		10 min - Rub off with towel
		30 min - Effective removal with rubbing
	Opti Clear	5 min - No signs of cleaning
		10 min - Still no signs of cleaning
		30 min - Some removal with rubbing

Summary:	Substrates:		Stainless Steel		
	Contaminants:		Adhesive		
	Company Name:	Product Name:	Conc.:	Efficiency:	Effective:
	Bio Chem Systems	Bio T Max	100		<input checked="" type="checkbox"/>
	National Diagnostic	Opti Clear	100		<input checked="" type="checkbox"/>
					Observations:
					Effective with rubbing after 30 minutes
					Moderately successful in removing with rubbing after 30 minutes

Conclusion: The Bio T Max was more successful than the Opti Clear when using a combination of soaking and rubbing.