CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2004
DateRun:	01/22/2004
Experimenters:	Jason Marshall
ClientType:	Tool Manufacturer
ProjectNumber:	Project #1
Substrates:	Steel
PartType:	Part
Contaminants:	Paints
Cleaning Methods:	Immersion/Soak
Analytical Methods:	Photography, Visual
Purpose:	To evaluate cleaners from previous trial at extended cleaning times
Experimental Procedure:	One product was used at room temperature and the other two were heated to 120 F on a hot plate. The parts from the previous trial were used again in groups of two and immersed into a beaker with cleaning solution and allowed to soak for an additional 10 minutes. Following the cleaning, the parts were dried using air blow off at room temperature. The cleaned parts were compared to the dirty pictures. The parts were then reimmersed and cleaned for a final 10 minutes. The parts were photographed, observations during cleaning were recorded and products were ranked based on how effective the products were. Contaminant: Varnish
Results:	All three had improved results with the extended cleaning time; however, no product removed all of the varnish.

Summary:

Substrates:	Steel				
Contaminants:	Paints				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Dysol	DS 108 Wipe Solvent	100	0.00	☑	Rank = 1
Metabolix Inc	Metabolix E3HB	100	0.00	☑	Rank = 2
Gemtek Products	SC Aircraft & Metal Cleaner Super Concentrate	10	0.00	☑	Rank = 3

Conclusion: Parts are being sent back to client for further inspection.