CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2016

DateRun: 03/28/2016

Experimenters:

ClientType:

ProjectNumber: Project #1

Substrates: Brass

PartType: Part

Contaminants: Greases

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: To conduct testing on possible drop in solvents for cleaning of the Dow Corning Vacuum grease.

Experimental Procedure: Brass coupons were arranged into rows of 3. Once the initial weights were taken, the lower third of the coupons were soiled. The coupons were places into the solvent drop in replacement solutions. Observations were taken during the process. The coupons were immersed for 5 minutes and removed to air dry on a drying rack for 15 minutes. Final weights were recorded once the coupons were dried.

Results:

Cleaner	Initial wt.	Final wt.	%Cont Removed
Vertrel Sion	0.4790	0.3457	27.83
	0.4023	0.2601	35.35
	0.4640	0.3345	27.91
Fluosolv FR-110	0.5254	0.5131	2.34
	0.4787	0.4662	2.61
	0.5132	0.5019	2.20
Fluosolv CX-500	0.3918	0.3662	6.53
	0.5192	0.4965	4.37
	0.4693	0.4527	3.54

Summary:

Substrates:	Brass
Contaminants:	Greases

Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
DuPont	Vertrel Sion			☐	
NuGeneration Technologies, LLC	Fluosolv FR-100			☐	
NuGeneration Technologies, LLC	FluoSolv CX-500			☐	

Conclusion: