

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 placed 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.

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			<input type="checkbox"/>	
NuGeneration Technologies, LLC	Fluosolv FR-100			<input type="checkbox"/>		
NuGeneration Technologies, LLC	FluoSolv CX-500			<input type="checkbox"/>		

Conclusion: