CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2005

DateRun: 11/02/2005

Experimenters: Jason Marshall

ClientType: Manufacturing

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Oil

Cleaning Methods:

Analytical Methods:

Purpose: To generate a list of alternatives to IPA for removing oil from stainless steel parts.

Experimental Procedure: Using the laboratory's database for solvent cleaning substitution, the lab generated a list of products that have been used to clean oil from stainless steel parts.

Results: Products Tested for Oil Removal From Stainless Steel Parts

Company Name	Product Name	# of Trial
Innovative Organics Inc	Amberclean L 12	13
ITW Fluid Products Group	AccuClean	11
1st Envirosafety	Organic Cleaner/ Degreaser	9
Valtech Corporation	Valtron SP 2250 2LF	9
Chemical Technologies	Green Thunder	9
Emkay Chemical Company	Safety Wash Clear	8
Ecolink	Heavy Weight Non Butyl Detergent	8
New Pig Corporation	Hoofmark Industrial Cleaner	7
New Pig Corporation	Hoofmark All Purpose Cleaner & Degreaser	7
Drummond America Corp	Keynote	6
Chem Free Corporation	Ozzy Juice SW 3	6
Brulin Corporation	Formula 815 GD	6
Safe Science Inc	Safe Science Concrete/Graffiti	6
Heatbath Corporation	Power Wash Cleaner BCR	6
Cleanline Products	Super H2O2 Citrus Concentrate	6
Mirachem Corporation	Mirachem 500	6
United Laboratories Int	United 450 All Clear	6
Ensolve Biosystems Inc	Grease Feast Plus	6
Westford Chemical Corp	Biosolve	6
Drummond America Corp	Clout	6

Summary:

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Conclusion:	Cleaning varies from case to case. The SSL recommends process specific testing on potential replacement cleaning chemicals. If more information is needed on a particular product, or you are interested in conducting cleaning trials, please contact the lab at (978)934-3133.