

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004  
 DateRun: 07/06/2004  
 Experimenters: Heidi Wilcox  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Sterling/Silver  
 PartType: Coupon  
 Contaminants: Oil  
 Cleaning Methods: Immersion/Soak  
 Analytical Methods: Gravimetric  
 Purpose: Laboratory evaluations of alternative cleaning products  
 Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.  
 Cleaning: 5 min. immersion cleaning at 96 F with stir-bar agitation.  
 NO Rinsing  
 Drying: 30 sec. Air blow off using hose  
 Contaminant: Oil Houghton International Cindol 3401 CAS# 64742-46-7  
 Substrate 2 " x 2" Silver plated

**Results:**

**Summary:**

<b>Substrates:</b>	Sterling/Silver				
<b>Contaminants:</b>	Oil				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Petroferm Inc	Lenium CP (no longer available)	100	99.39	<input checked="" type="checkbox"/>	
Petroferm Inc	Lenium ES	100	99.60	<input checked="" type="checkbox"/>	
Invista S.a.r.l	Flexisolv DBE 6 ester	100	99.44	<input checked="" type="checkbox"/>	

**Conclusion:** All three cleaners worked.