

Testing Lab: Herguth Laboratories Inc.



**Client:** Combustion Technologies  
**Sample Date:** December 11, 2011  
**Sample Matrix:** Diesel Fuel # 2 ULSD 15ppm

**Date Received:** December 08, 2011  
**Date Analyzed:** December 11, 2011  
**Laboratory Batch No:** Lab # 728840

Test	Sample Result						Units	Method
	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.		
	Baseline Diesel Fuel # 2 ULSD	Diesel Fuel w/CleanBoost Original 1:3000 Ratio	Diesel Fuel w/Opti-Lube XPD 1:256 Ratio	Diesel Fuel w/FPPF RV, Bus 1:640 Ratio	Diesel Fuel w/Stanadyne Lubricity 1:1000 Ratio	Diesel Fuel w/Amsoil Concentrate 1:640 Ratio		
# 2 Diesel Content							Micron = $\mu$	HFRR @ 60°C
HFRR	636	220	221	439	480	488	$\mu$	ASTM D6079-1.0
Micron Improvement		416	415	197	157	148	$\mu$	
Cost per treatment (26-gal)		\$2.16	\$4.35	\$2.60	\$1.00	\$2.16		

Note: Lubricity Testing utilizing HFRR "High Frequency Reciprocating Rig"  
 Testing performed by Herguth Laboratories in conjunction Southwest Research Institute and members of Diesel Place