

Oilybits 5x12 Water Removal Test Results by Herguth Labs, Vallejo, CA

The sample of diesel fuel was taken from a standard fuel dispenser at a commercial station. A 2000 ML sample was drawn and 100 ML of water was added. This mix was shaken vigorously. This has become the "Mixture Base Line". A 100 ML sample was then drawn off as the "Lab Base Line" to be sent for testing. The remaining 1900 ML "Mixture Base Line" was then passed through the Oilybits 5x12 Fuel Purifier for a SINGLE PASS. The water was drained off and then a 100 ML sample was drawn off and sent to the lab to become the "Process Sample"

The attached Certificates of Analysis indicate that the Lab Base Line sample had 273,000 PPM water where the Process Sample had 37 PPM, indicating that the Oilybits 5x12 Purifier removed 99.9997% water in a single pass.



**Certificate of Analysis  
Lab Number 734358**

**24<sup>th</sup> December 2008  
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Client Code: DIESJN  
Sample Date 17/12/08  
PO Number 081212  
Herguth ID LAB734358  
Description : Diesel Fuel Sample "Base Line"  
Oil Type : Fuel (GN\_003)  
Unit Type : Diesel Fuel (GN\_DF001)

Test Performed	Proc-Rev	Result
Water by Karl Fischer ASTM D6304	6304-1.5	273000 ppm
Water level is excessive; check for source. Suggest purifying prior to use. Resample after any maintenance activities to monitor the effect.		

Respectfully Submitted,  
Herguth Laboratories, Inc.  
Test Performed Proc-Rev Result

A handwritten signature in black ink, appearing to read 'Bobby R Licu', is positioned above the name of the evaluator.

cc: Bobby R Licu, Senior Evaluator

**101 Corporate Place, Vallejo, CA 94590-6968 \* Toll-Free Phone 1-800-645-5227 \* Fax 1-707-554-0109 \*  
[www.herguth.com](http://www.herguth.com)**

These results are submitted pursuant to our current Terms, Conditions and Limitations and Laboratory Pricing Policy.

No responsibility or liability is assumed for the manner in which these results are used or interpreted.

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**Certificate of Analysis**  
**Lab Number 734359**

**24<sup>th</sup> December 2008**  
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Client Code: DIESJN  
Sample Date: 17/12/08  
PO Number: 081212  
Herguth ID: LAB734359  
Description: Diesel Fuel Sample "Process Sample"  
Oil Type: Fuel (GN\_003)  
Unit Type: Diesel Fuel (GN\_DF001)

Test Performed	Proc-Rev	Result
Water by Karl Fischer ASTM D6304	6304-1.5	37 ppm
Value is acceptable for test performed		

Respectfully Submitted,  
Herguth Laboratories, Inc.  
Test Performed Proc-Rev Result

cc: Bobby R Licu, Senior Evaluator

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