

CTC

ANALYTICAL SERVICES

Fuel Analysis

Condition: Normal

BOB RANDALL
RCI PURIFIER
466 W ARROW HWY SUITE D
SAN DIMAS, CA 91773

Unit No. : UNFILTERED
Customer No. : 3465
Sample Date : 09/21/2004
Received Date: 09/21/2004
Serial No. :
Lab No : 77998

Unit Description : FUEL
End User : US ARMY TACOM
End Location : WARREN, MI

Analyst LXF Recommendations

TEST DATA ONLY.
PARTICLE COUNT RESULTS: 5-15u:47276 15-25u:10633 25-50u:6216
50-100u:760

Tests	Method	Result	Condition
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WATER BY KARL FISCHER	D-1744	5812.3	
ISO		23/20	
RATING		20	

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Recommendations

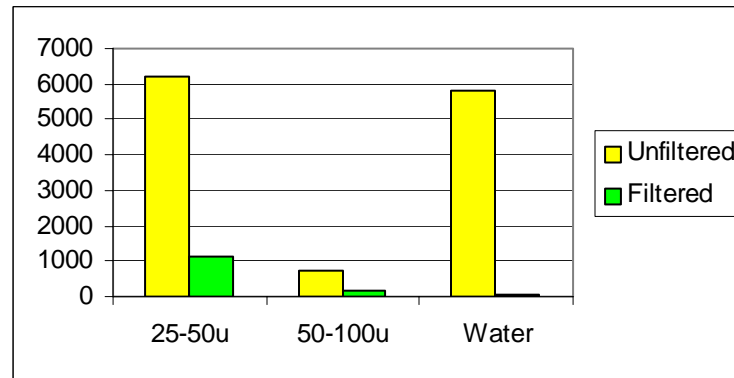
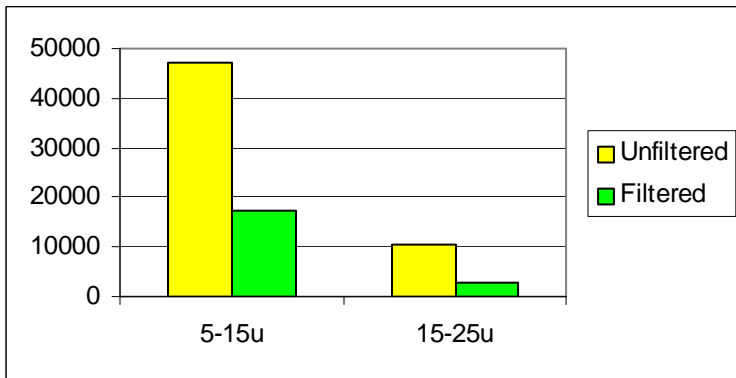
TEST DATA ONLY.
PARTICLE COUNT RESULTS: 5-15u:17426 15-25u:2753 25-50u:1116
50-100u:196

Tests	Method	Result	Condition
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WATER BY KARL FISCHER	D-1744	49.6	
ISO		21/18	
RATING		17	

The CTC Analytical Services performed a Fuel Analysis test for the RCI Technologies Fuel Purifiers. One test performed was an unfiltered single pass and the second test was a filtered single pass. The tests were performed under normal conditions and the unit of measure used were grouped in microns; 5-15u, 15-25u, 25-50u, 50-100u. The purpose of the test was to identify the amount of particulates present during the unfiltered test, particulates present during the filtered test, and the water present under both conditions. The filtered test included the RCI Technologies Fuel Purifier.

The particulate test results are as follows:

	<u>5-15u</u>	<u>15-25u</u>	<u>25-50u</u>	<u>50-100u</u>	<u>Water</u>
Unfiltered	47276	10633	6216	760	5812.3
Filtered	17426	2753	1116	196	49.6



The above graph depicts the results from the CTC Analytical Services tests. RCI Technologies Fuel Purifier removed over 99% of all water in a single pass. Again, the tests were performed under controlled normal conditions with specific micron ranges for the particulates. The percentage of particulates removed in a single pass were as follows:

<u>5-15u</u>	<u>15-25u</u>	<u>25-50u</u>	<u>50-100u</u>
63%	75%	82%	75%