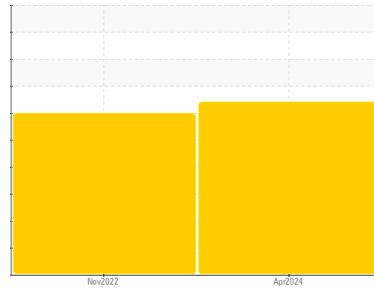




# FUEL REPORT

## Sample Rating Trend



WATER



Machine Id  
**TANK 1 - SARASOTA BEE RIDGE**  
 Component  
**Diesel Fuel**  
 Fluid  
**DSL (5000 GAL)**

### DIAGNOSIS

#### ▲ Recommendation

We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid.

#### Corrosion

All metal levels are normal indicating no corrosion in the system.

#### ▲ Contaminants

There is a moderate amount of visible silt present in the sample. Excessive free water present.

#### Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

### SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WCDF4586</b>	WCDF05052	---
Sample Date	Client Info		<b>16 Apr 2024</b>	30 Nov 2022	---
Machine Age	hrs	Client Info	<b>0</b>	0	---
Sample Status			<b>SEVERE</b>	SEVERE	---

### PHYSICAL PROPERTIES

	method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500	<b>L4.5</b>	---	---
Visc @ 40°C	cSt	ASTM D445	<b>2.46</b>	---	---

### SULFUR CONTENT

	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	<b>0</b>	---	---
Sulfur (UVF)	ppm	ASTM D5453	<b>13</b>	12	---

### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	---
Sodium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Water	%	ASTM D6304	<0.05	<b>0.013</b>	▲ 90.0
ppm Water	ppm	ASTM D6304	<500	<b>137</b>	▲ 900000
% Gasoline	%	*In-House	<0.50	<b>0.0</b>	0.0
% Biodiesel	%	*In-House	<20.0	<b>0.0</b>	0.0

### HEAVY METALS

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Calcium	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	---

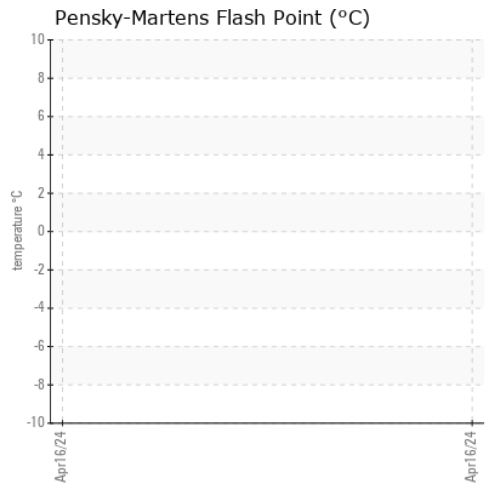
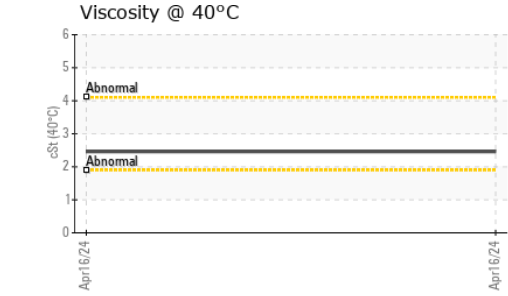
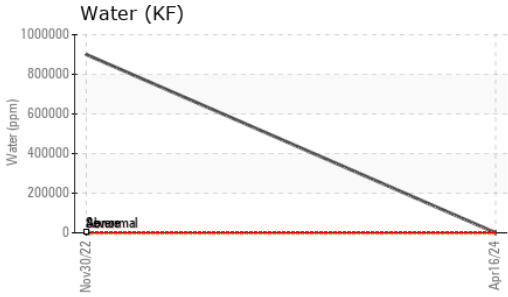
### SAMPLE IMAGES

	method	limit/base	current	history1	history2	
Color						no image
Bottom						no image



# FUEL REPORT

## GRAPHS



Certificate L2367

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WCDF4586  
**Lab Number** : 06156537  
**Unique Number** : 10991960  
**Test Package** : DF-5 ( Additional Tests: Bacteria, Screen )

**Received** : 22 Apr 2024  
**Tested** : 06 May 2024  
**Diagnosed** : 06 May 2024 - Doug Bogart

**TANK WIZARDS**  
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