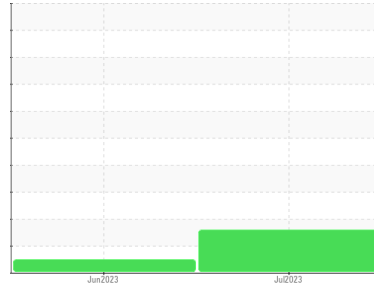




# FUEL REPORT

Sample Rating Trend



**SEDIMENT**



Machine Id  
**MELBOURNE S4**

Component  
**Diesel Fuel**  
Fluid  
**NOT GIVEN (--- GAL)**

## DIAGNOSIS

### ▲ Recommendation

This is a baseline read-out on the submitted sample.

### Corrosion

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

### ▲ Contaminants

Appearance is unacceptable. There is a high amount of visible silt present in the sample.

### Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC05905077</b>	WC05869034	---
Sample Date	Client Info		<b>19 Jul 2023</b>	05 Jun 2023	---
Machine Age	mls	Client Info	<b>0</b>	0	---
Sample Status			<b>ABNORMAL</b>	NORMAL	---

## SULFUR CONTENT

	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	<b>138</b>	---	---
Sulfur (UVF)	ppm	ASTM D5453	<b>106</b>	87	---



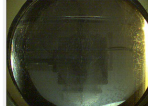

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	---
Sodium	ppm	ASTM D5185m	<0.1	<b>1</b>	---
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	---
% 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>&lt;1</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>3</b>	---
Calcium	ppm	ASTM D5185m	<0.1	<b>4</b>	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>1</b>	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>1</b>	---
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	---

## SAMPLE IMAGES

	method	limit/base	current	history1	history2
Color					 <i>no image</i>
Bottom					 <i>no image</i>



# FUEL REPORT

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC05905077     **Received** : 21 Jul 2023  
**Lab Number** : 05905077     **Diagnosed** : 26 Jul 2023  
**Unique Number** : 10566433     **Diagnostician** : Doug Bogart  
**Test Package** : DF-5 ( Additional Tests: Screen )

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)

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