



# FUEL REPORT

Sample Rating Trend



ADDITIVES



Machine Id  
**CC-BSR-POLYMER**  
 Component  
**Diesel Fuel**  
 Fluid  
 **DIESEL FUEL No. 2 (--- QTS)**

## DIAGNOSIS

### ▲ Recommendation

Elevated lubricant additive metals suggest this fuel may have come in contact with a lubricant.

### Corrosion

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

### Contaminants

The water content is negligible. There is no bacteria or fungus (yeast and/or mold) present in the sample.

### ▲ Fuel Condition

Sulfur value derived by ASTM D5453 method.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0884448</b>	---	---
Sample Date	Client Info			<b>03 Apr 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---

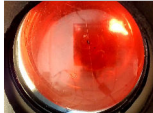

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		<b>L4.5</b>	---	---
Visc @ 40°C	cSt	ASTM D445	4.1	<b>3.01</b>	---	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		<b>296</b>	---	---
Sulfur (UVF)	ppm	ASTM D5453		<b>217</b>	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>1</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>0.006</b>	---	---
ppm Water	ppm	ASTM D6304	<500	<b>68</b>	---	---
% Gasoline	%	*In-House	<0.50	<b>0.0</b>	---	---
% Biodiesel	%	*In-House	<20.0	<b>0.0</b>	---	---

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	<0.1	<b>&lt;1</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>93</b>	---	---
Magnesium	ppm	ASTM D5185m	<0.1	▲ <b>56</b>	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	▲ <b>81</b>	---	---
Zinc	ppm	ASTM D5185m	<0.1	▲ <b>85</b>	---	---

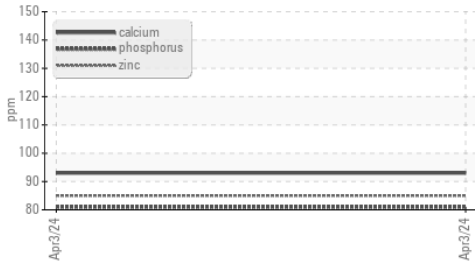
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color					no image	no image
Bottom					no image	no image



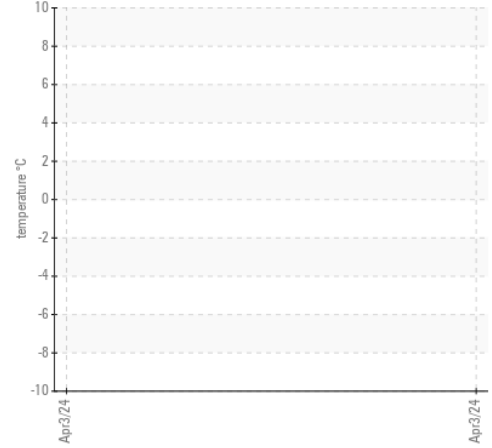
# FUEL REPORT

### ▲ Additives

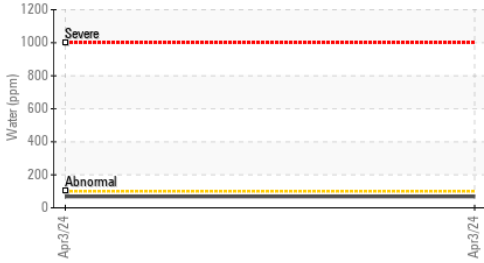


## GRAPHS

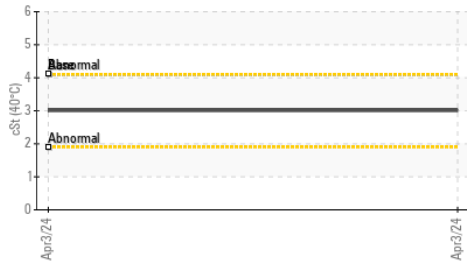
### Pensky-Martens Flash Point (°C)



### Water (KF)



### Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0884448 **Received** : 10 Apr 2024  
**Lab Number** : **06144782** **Tested** : 26 Apr 2024  
**Unique Number** : 10969590 **Diagnosed** : 26 Apr 2024 - Aaron Black  
**Test Package** : DF-5 ( Additional Tests: PritCount, 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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