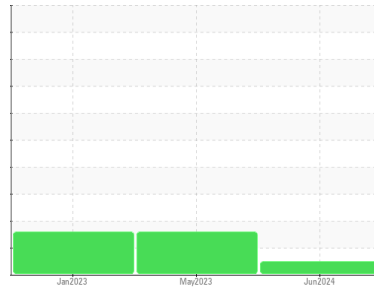




# FUEL REPORT

### Sample Rating Trend



**NORMAL**



Machine Id

**HC1402**

Component

**Diesel Fuel**

Fluid

**No.2 DIESEL FUEL (LOW-SULPHUR) (--- GAL)**

### DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time.

#### Corrosion

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

#### Contaminants

The water content is negligible. There is no indication of any contamination in the fuel.

#### Fuel Condition

The condition of the fuel is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0952199</b>	WC0809262	WC0761938
Sample Date	Client Info			<b>05 Jun 2024</b>	03 May 2023	20 Jan 2023
Machine Age	hrs	Client Info		<b>10109</b>	9305	8932
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.59</b>	3.17	2.53

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	250	<b>0</b>	213	0

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	▲ 219	▲ 18
Sodium	ppm	ASTM D5185m	<0.1	<b>1</b>	<1	0
Potassium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	1	<1
Water	%	ASTM D6304	<0.05	<b>0.011</b>	0.003	0.002
ppm Water	ppm	ASTM D6304	<500	<b>112</b>	38.4	16.8

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	<1	0
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Calcium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Magnesium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	<1
Phosphorus	ppm	ASTM D5185m	<0.1	<b>0</b>	2	<1
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0

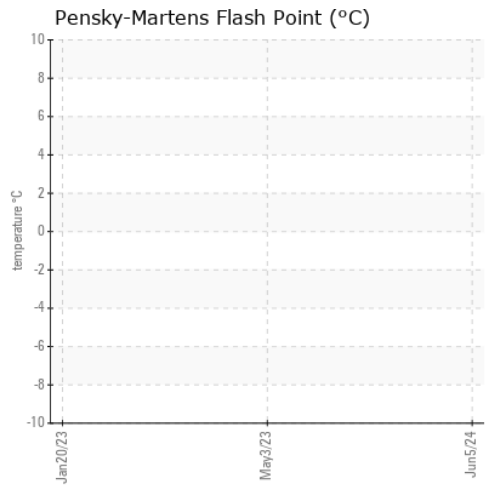
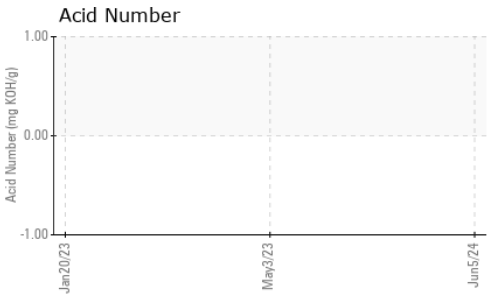
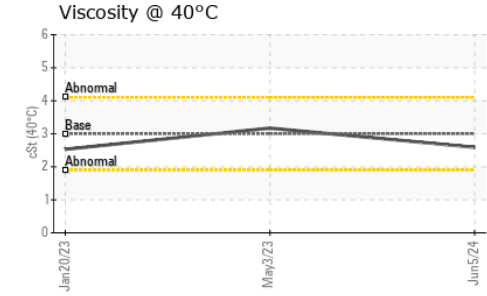
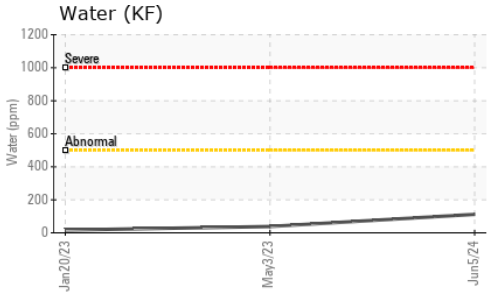
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color					no image	
Bottom					no image	



# 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.** : WC0952199      **Received** : 10 Jun 2024  
**Lab Number** : 06205262      **Tested** : 13 Jun 2024  
**Unique Number** : 11072723      **Diagnosed** : 13 Jun 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: KF )

**BUCKNER HEAVY LIFT**  
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