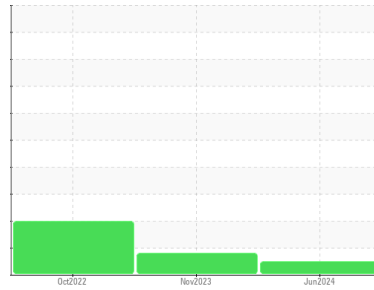




# FUEL REPORT

## Sample Rating Trend



**NORMAL**



Machine Id  
**CR3309**

Component  
**Diesel Fuel**

Fluid  
**No.2 DIESEL FUEL (ULTRALOW 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>WC0952108</b>	WC0867296	WC0687056
Sample Date	Client Info			<b>15 Jun 2024</b>	15 Nov 2023	03 Oct 2022
Machine Age	hrs	Client Info		<b>14868</b>	13514	12140
Sample Status				<b>NORMAL</b>	MARGINAL	ABNORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.4</b>	2.37	2.6

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	<b>0</b>	4	2

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	0	<1
Sodium	ppm	ASTM D5185m	<0.1	<b>2</b>	<1	<1
Potassium	ppm	ASTM D5185m	<0.1	<b>2</b>	0	0
Water	%	ASTM D6304	<0.05	<b>0.003</b>	0.004	0.003
ppm Water	ppm	ASTM D6304	<500	<b>29</b>	50	29.8

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0	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>2</b>	1	<1
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Phosphorus	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	0
Zinc	ppm	ASTM D5185m	<0.1	<b>4</b>	0	0

SAMPLE IMAGES		method	limit/base	current	history1	history2
---------------	--	--------	------------	---------	----------	----------

Color



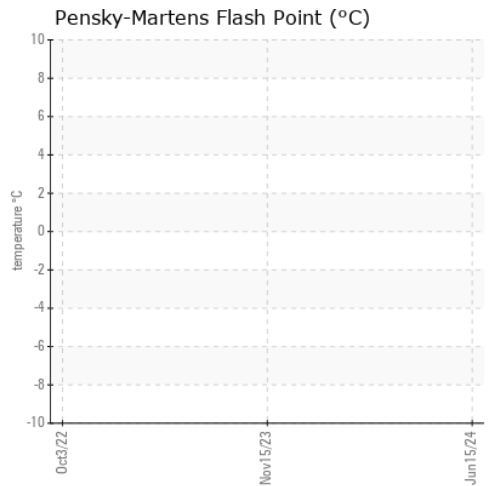
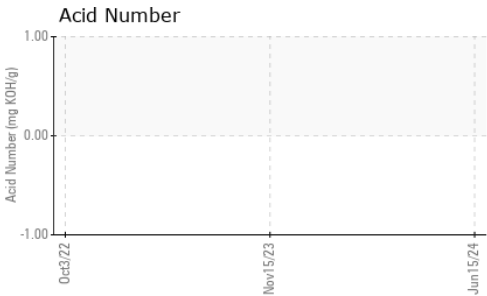
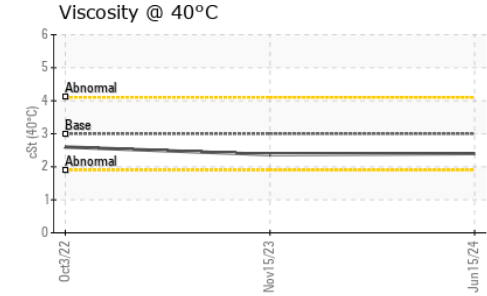
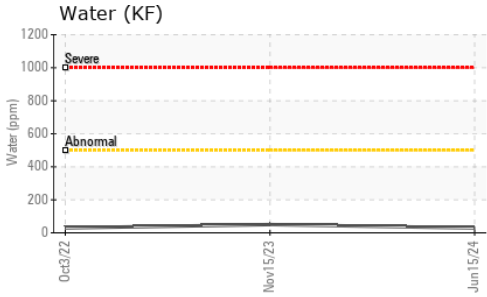
Bottom





# FUEL REPORT

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0952108      **Received** : 20 Jun 2024  
**Lab Number** : 06216238      **Tested** : 24 Jun 2024  
**Unique Number** : 11089102      **Diagnosed** : 24 Jun 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: KF )

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)

**BUCKNER HEAVY LIFT**

4732 NC 54 EAST

GRAHAM, NC

US 27253-9215

Contact: MICHAEL LAWSON

michaell@bucknercompanies.com

T: (336)376-8888

F: (336)376-4090