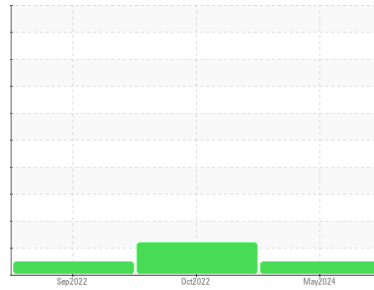




# FUEL REPORT

## Sample Rating Trend



**NORMAL**



Machine Id  
**CR1223**  
 Component  
**Diesel Fuel**  
 Fluid  
 {not provided} (--- 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

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>WC0923063</b>   | WC0687074   | WC0720521   |
| Sample Date        | Client Info |             |            | <b>11 May 2024</b> | 22 Oct 2022 | 25 Sep 2022 |
| Machine Age        | hrs         | Client Info |            | <b>2351</b>        | 1860        | 1802        |
| Sample Status      |             |             |            | <b>NORMAL</b>      | ABNORMAL    | NORMAL      |

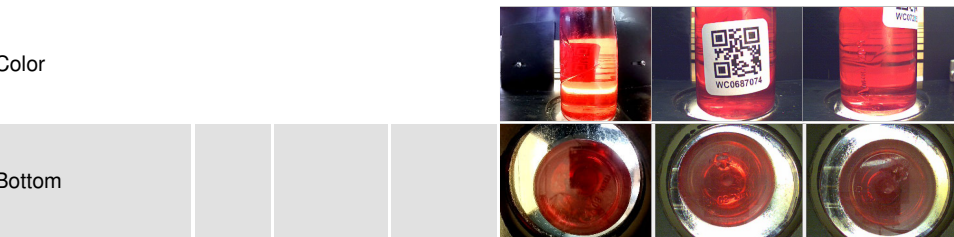
| PHYSICAL PROPERTIES |     | method    | limit/base | current     | history1 | history2 |
|---------------------|-----|-----------|------------|-------------|----------|----------|
| Visc @ 40°C         | cSt | ASTM D445 |            | <b>3.23</b> | 2.63     | 2.4      |

| SULFUR CONTENT |     | method      | limit/base | current  | history1 | history2 |
|----------------|-----|-------------|------------|----------|----------|----------|
| Sulfur         | ppm | ASTM D5185m |            | <b>0</b> | 0        | 18       |

| 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>&lt;1</b> | <1       | 0        |
| Potassium    | ppm | ASTM D5185m | <0.1       | <b>0</b>     | 0        | 0        |
| Water        | %   | ASTM D6304  | <0.05      | <b>0.004</b> | 0.003    | 0.004    |
| ppm Water    | ppm | ASTM D6304  | <500       | <b>50</b>    | 27.0     | 43.7     |

| 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>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>0</b> | 0        | 0        |
| Magnesium    | ppm | ASTM D5185m | <0.1       | <b>0</b> | 0        | 0        |
| Phosphorus   | ppm | ASTM D5185m | <0.1       | <b>0</b> | 0        | 8        |
| Zinc         | ppm | ASTM D5185m | <0.1       | <b>0</b> | 0        | 0        |

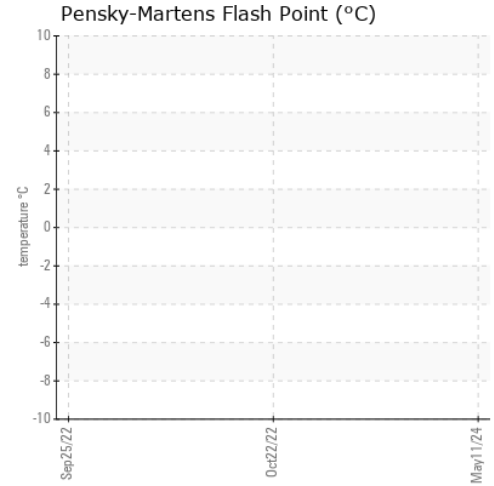
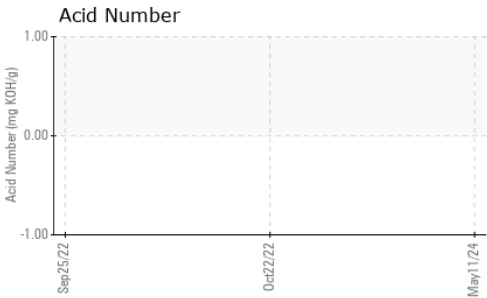
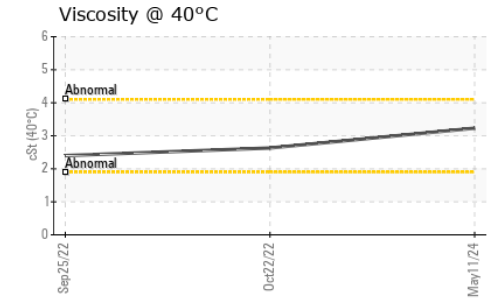
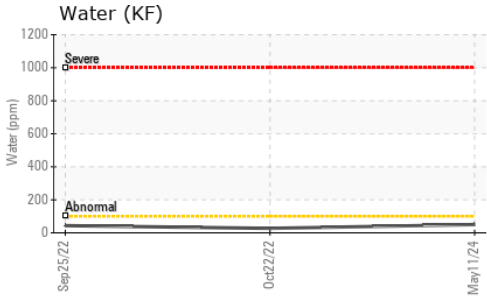
| SAMPLE IMAGES |  | method | limit/base | current | history1 | history2 |
|---------------|--|--------|------------|---------|----------|----------|
|---------------|--|--------|------------|---------|----------|----------|





# 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.** : WC0923063  
**Lab Number** : 06180881  
**Unique Number** : 11032207  
**Test Package** : CONST ( Additional Tests: KF )

**Received** : 15 May 2024  
**Tested** : 23 May 2024  
**Diagnosed** : 23 May 2024 - Jonathan Hester

**BUCKNER HEAVY LIFT**  
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