



# FUEL REPORT

Sample Rating Trend

SEDIMENT



Machine Id  
**LIEBHERR CR6611**

Component  
**Diesel Fuel**  
Fluid  
**{not provided} (--- GAL)**

## DIAGNOSIS

### ▲ Recommendation

This is a baseline read-out on the submitted sample. We recommend you service the filters on this component.

### Corrosion

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

### ▲ Contaminants

There is a moderate amount of visible silt present in the sample. The water content is negligible.

### 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>WC0867452</b>   | ---      | ---      |
| Sample Date        | Client Info |             |            | <b>04 Jan 2024</b> | ---      | ---      |
| Machine Age        | hrs         | Client Info |            | <b>13889</b>       | ---      | ---      |
| Sample Status      |             |             |            | <b>ABNORMAL</b>    | ---      | ---      |

| PHYSICAL PROPERTIES |     | method    | limit/base | current     | history1 | history2 |
|---------------------|-----|-----------|------------|-------------|----------|----------|
| Visc @ 40°C         | cSt | ASTM D445 |            | <b>2.75</b> | ---      | ---      |

| SULFUR CONTENT |     | method      | limit/base | current   | history1 | history2 |
|----------------|-----|-------------|------------|-----------|----------|----------|
| Sulfur         | ppm | ASTM D5185m |            | <b>21</b> | ---      | ---      |

| CONTAMINANTS |     | method      | limit/base | current      | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Silicon      | ppm | ASTM D5185m | <1.0       | <b>&lt;1</b> | ---      | ---      |
| Sodium       | ppm | ASTM D5185m | <0.1       | <b>1</b>     | ---      | ---      |
| Potassium    | ppm | ASTM D5185m | <0.1       | <b>2</b>     | ---      | ---      |
| Water        | %   | ASTM D6304  | <0.05      | <b>0.006</b> | ---      | ---      |
| ppm Water    | ppm | ASTM D6304  | <500       | <b>64</b>    | ---      | ---      |

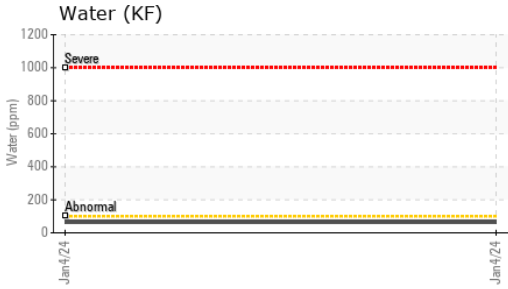
| HEAVY METALS |     | method      | limit/base | current      | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Aluminum     | ppm | ASTM D5185m | <0.1       | <b>0</b>     | ---      | ---      |
| Nickel       | ppm | ASTM D5185m | <0.1       | <b>&lt;1</b> | ---      | ---      |
| Lead         | ppm | ASTM D5185m | <0.1       | <b>&lt;1</b> | ---      | ---      |
| Vanadium     | ppm | ASTM D5185m | <0.1       | <b>0</b>     | ---      | ---      |
| Iron         | ppm | ASTM D5185m | <0.1       | <b>0</b>     | ---      | ---      |
| Calcium      | ppm | ASTM D5185m | <0.1       | <b>3</b>     | ---      | ---      |
| Magnesium    | ppm | ASTM D5185m | <0.1       | <b>3</b>     | ---      | ---      |
| Phosphorus   | ppm | ASTM D5185m | <0.1       | <b>7</b>     | ---      | ---      |
| Zinc         | ppm | ASTM D5185m | <0.1       | <b>0</b>     | ---      | ---      |

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

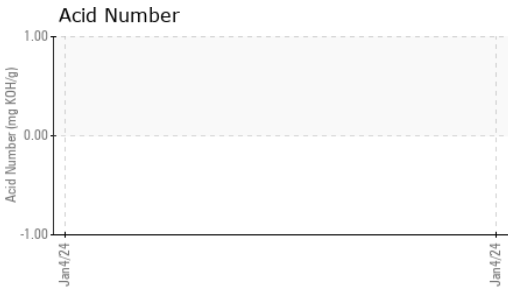
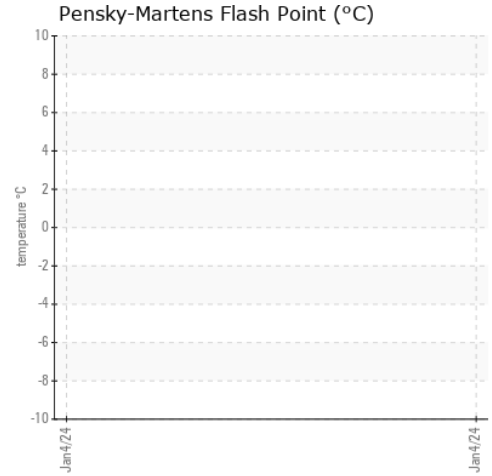
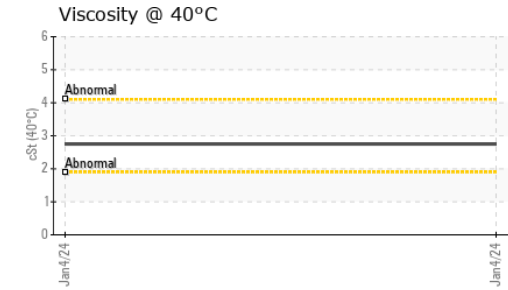
|        |  |  |  |  |          |          |
|--------|--|--|--|--|----------|----------|
| Color  |  |  |  |  | no image | no image |
| Bottom |  |  |  |  | no image | no image |



# FUEL REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0867452 **Received** : 10 Jan 2024  
**Lab Number** : 06057561 **Diagnosed** : 15 Jan 2024  
**Unique Number** : 10823510 **Diagnostician** : 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)

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