



# FUEL REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**JOHN DEERE 245GLC 801442**

Component  
**Diesel Fuel**  
Fluid  
**NOT GIVEN (--- QTS)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample. 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>WE0004997</b>   | ---      | ---      |
| Sample Date        | Client Info |             |            | <b>23 Aug 2023</b> | ---      | ---      |
| Machine Age        | hrs         | Client Info |            | <b>898</b>         | ---      | ---      |
| Sample Status      |             |             |            | <b>NORMAL</b>      | ---      | ---      |

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

| SULFUR CONTENT |     | method      | limit/base | current   | history1 | history2 |
|----------------|-----|-------------|------------|-----------|----------|----------|
| Sulfur         | ppm | ASTM D5185m |            | <b>17</b> | ---      | ---      |

| CONTAMINANTS |     | method      | limit/base | current      | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Silicon      | ppm | ASTM D5185m | <1.0       | <b>0</b>     | ---      | ---      |
| Sodium       | ppm | ASTM D5185m | <0.1       | <b>0</b>     | ---      | ---      |
| Potassium    | ppm | ASTM D5185m | <0.1       | <b>&lt;1</b> | ---      | ---      |
| Water        | %   | ASTM D6304  | <0.05      | <b>0.004</b> | ---      | ---      |
| ppm Water    | ppm | ASTM D6304  | <500       | <b>47.6</b>  | ---      | ---      |

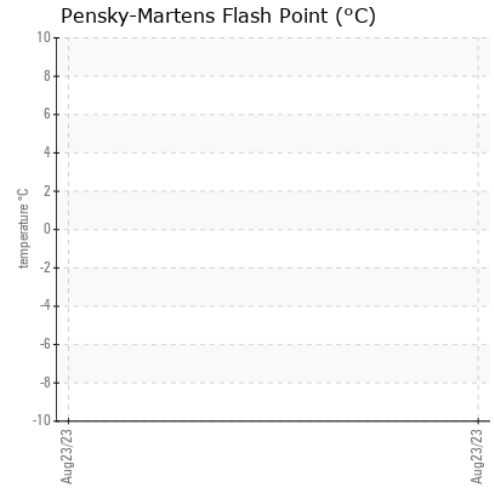
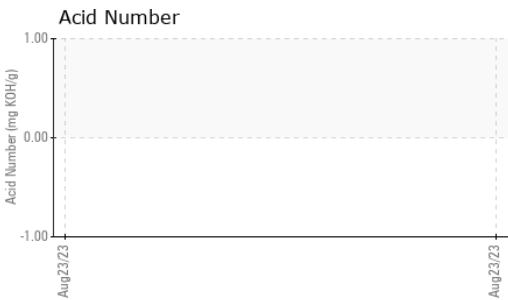
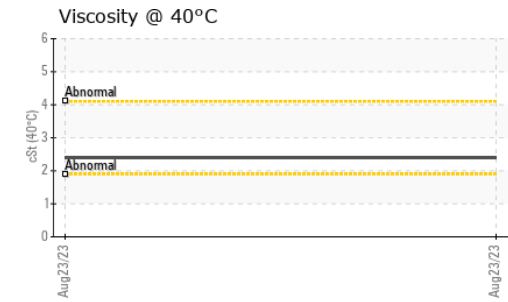
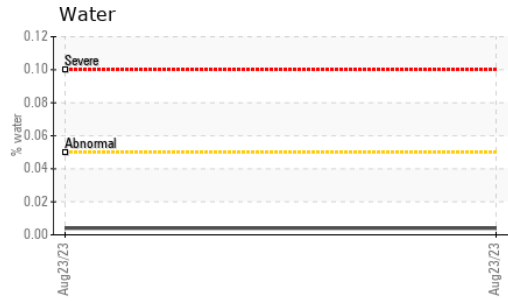
| HEAVY METALS |     | method      | limit/base | current  | history1 | history2 |
|--------------|-----|-------------|------------|----------|----------|----------|
| Aluminum     | ppm | ASTM D5185m | <0.1       | <b>0</b> | ---      | ---      |
| Nickel       | ppm | ASTM D5185m | <0.1       | <b>0</b> | ---      | ---      |
| Lead         | ppm | ASTM D5185m | <0.1       | <b>0</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>7</b> | ---      | ---      |
| Magnesium    | ppm | ASTM D5185m | <0.1       | <b>0</b> | ---      | ---      |
| Phosphorus   | ppm | ASTM D5185m | <0.1       | <b>1</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.** : WE0004997 **Received** : 25 Aug 2023  
**Lab Number** : 05935096 **Diagnosed** : 29 Aug 2023  
**Unique Number** : 10620367 **Diagnostician** : Jonathan Hester  
**Test Package** : CONST ( Additional Tests: KF, 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)

**WARRIOR TRACTOR AND EQUIPMENT - NORTHPORT**  
 P.O. BOX 412  
 NORTHPORT, AL  
 US 35476  
 Contact: CRAIG ANDOE  
 serve01@warriortractor.com  
 T: (205)339-0300  
 F: