



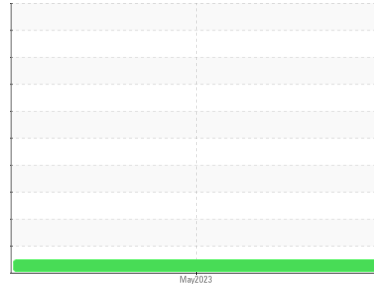
# FUEL REPORT

Sample Rating Trend

**NORMAL**



Area  
**[20232615]**  
 Machine Id  
**Katolight 8180 Greensboro Dr 275KW**  
 Component  
**Diesel Fuel**  
 Fluid  
**NOT GIVEN (--- GAL)**



## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample. No corrective action is recommended at this time. ( Customer Sample Comment: Greensboro Dr 275kw fuel )

### 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>DC0029786</b>   | ---      | ---      |
| Sample Date   | Client Info     | <b>30 May 2023</b> | ---      | ---      |
| Machine Age   | yrs Client Info | <b>0</b>           | ---      | ---      |
| Sample Status |                 | <b>NORMAL</b>      | ---      | ---      |

## PHYSICAL PROPERTIES

| method      | limit/base    | current     | history1 | history2 |
|-------------|---------------|-------------|----------|----------|
| Visc @ 40°C | cSt ASTM D445 | <b>2.46</b> | ---      | ---      |

## SULFUR CONTENT

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

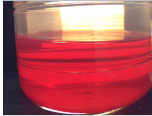

## CONTAMINANTS

| method    | limit/base      | current | history1     | history2 |     |
|-----------|-----------------|---------|--------------|----------|-----|
| Silicon   | ppm ASTM D5185m | <1.0    | <b>&lt;1</b> | ---      | --- |
| Sodium    | ppm ASTM D5185m | <0.1    | <b>2</b>     | ---      | --- |
| Potassium | ppm ASTM D5185m | <0.1    | <b>0</b>     | ---      | --- |
| Water     | % ASTM D6304    | <0.05   | <b>0.003</b> | ---      | --- |
| ppm Water | ppm ASTM D6304  | <500    | <b>27.3</b>  | ---      | --- |

## HEAVY METALS

| method     | limit/base      | current | history1     | history2 |     |
|------------|-----------------|---------|--------------|----------|-----|
| Aluminum   | ppm ASTM D5185m | <0.1    | <b>&lt;1</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>&lt;1</b> | ---      | --- |
| Iron       | ppm ASTM D5185m | <0.1    | <b>0</b>     | ---      | --- |
| Calcium    | ppm ASTM D5185m | <0.1    | <b>0</b>     | ---      | --- |
| Magnesium  | ppm ASTM D5185m | <0.1    | <b>4</b>     | ---      | --- |
| Phosphorus | ppm ASTM D5185m | <0.1    | <b>0</b>     | ---      | --- |
| Zinc       | ppm ASTM D5185m | <0.1    | <b>&lt;1</b> | ---      | --- |

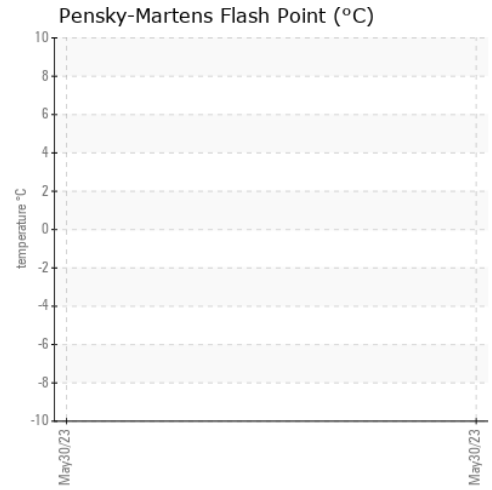
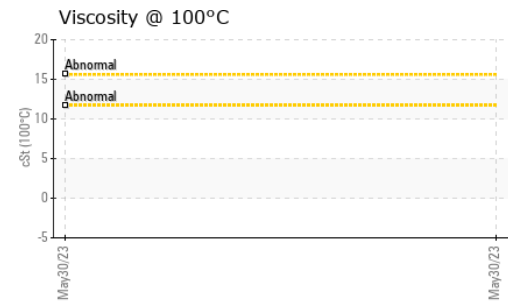
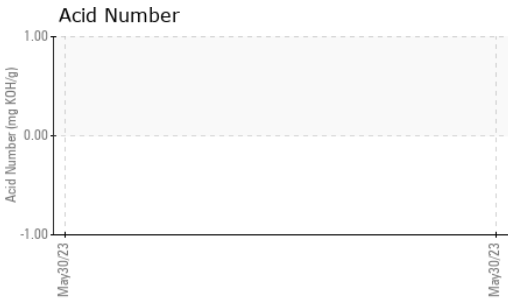
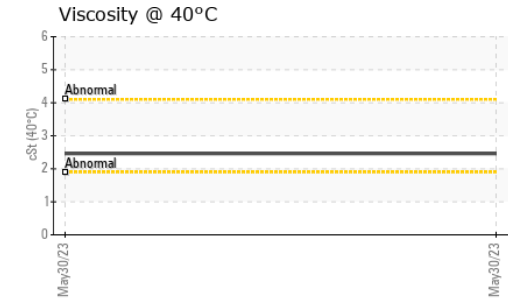
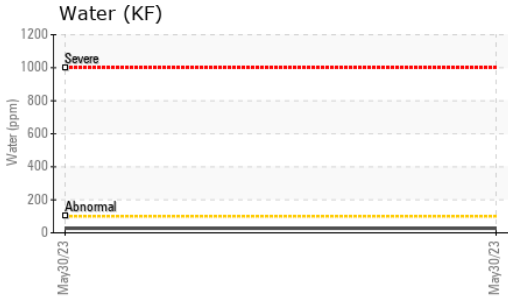
## SAMPLE IMAGES

| 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.** : DC0029786 **Received** : 20 Jun 2023  
**Lab Number** : 05879163 **Diagnosed** : 27 Jun 2023  
**Unique Number** : 10524266 **Diagnostician** : Jonathan Hester  
**Test Package** : MOB 1 ( Additional Tests: FT-IR, KF, KV100 )

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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