



# FUEL REPORT

Sample Rating Trend

**WATER**



Machine Id

**7899**

Component

**Diesel Fuel**

Fluid

**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- QTS)**



## DIAGNOSIS

### ▲ Recommendation

We recommend you service and check the fuel filters for mucous-like deposits. Check with fuel supplier for biocides available to destroy the microorganisms in the fuel system. NOTE: one of two samples received with same ID.

### Corrosion

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

### ▲ Contaminants

High concentration of visible dirt/debris present in the fuel. There is a trace of moisture present in the fuel. Appearance indicates probably bacteria or fungus (yeast and/or mold) present in the sample.

### Fuel Condition

The fuel is no longer serviceable due to the presence of contaminants.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>WC0912548</b>	---	---
Sample Date	Client Info	<b>12 Mar 2024</b>	---	---
Machine Age	mls	<b>0</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## PHYSICAL PROPERTIES

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

## SULFUR CONTENT

method	limit/base	current	history1	history2		
Sulfur	ppm	ASTM D5185m	10	<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>0</b>	---	---
Potassium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Water	%	ASTM D6304	<0.05	<b>▲ 0.027</b>	---	---
ppm Water	ppm	ASTM D6304	<500	<b>▲ 270</b>	---	---

## HEAVY METALS

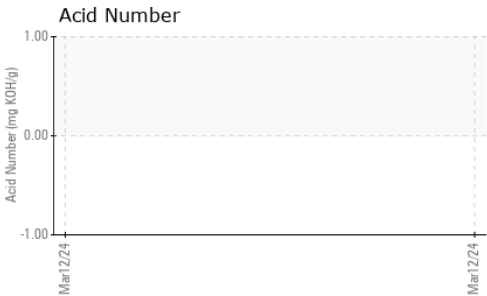
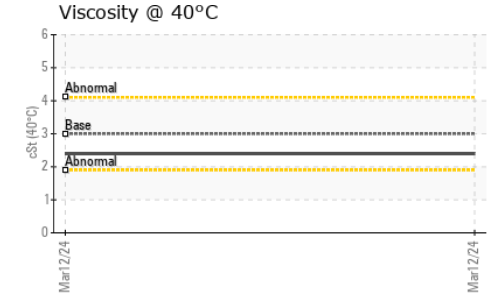
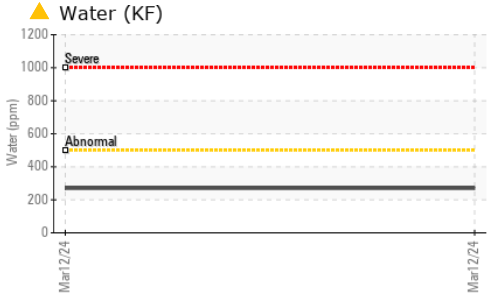
method	limit/base	current	history1	history2		
Aluminum	ppm	ASTM D5185m	<0.1	<b>2</b>	---	---
Nickel	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Calcium	ppm	ASTM D5185m	<0.1	<b>4</b>	---	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---

## SAMPLE IMAGES

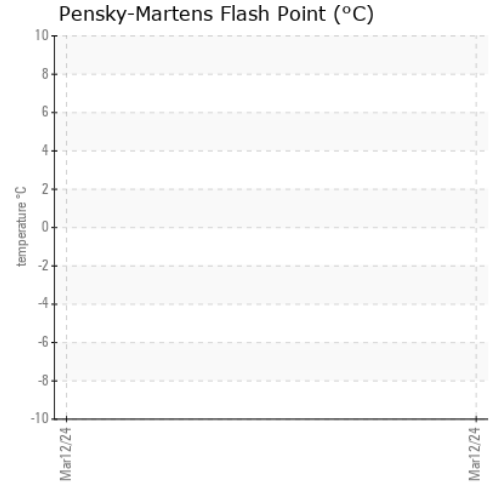
method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image



# FUEL REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0912548 **Received** : 20 Mar 2024  
**Lab Number** : 06124465 **Tested** : 03 Apr 2024  
**Unique Number** : 10938616 **Diagnosed** : 03 Apr 2024 - Doug Bogart  
**Test Package** : FLEET ( Additional Tests: Bacteria, KF )

**SALEM NATIONALEASE CORPORATION**  
 198 PARK PLAZA DRIVE  
 WINSTON SALEM, NC  
 US 27105  
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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)