

# PROBLEM SUMMARY

Sample Rating Trend

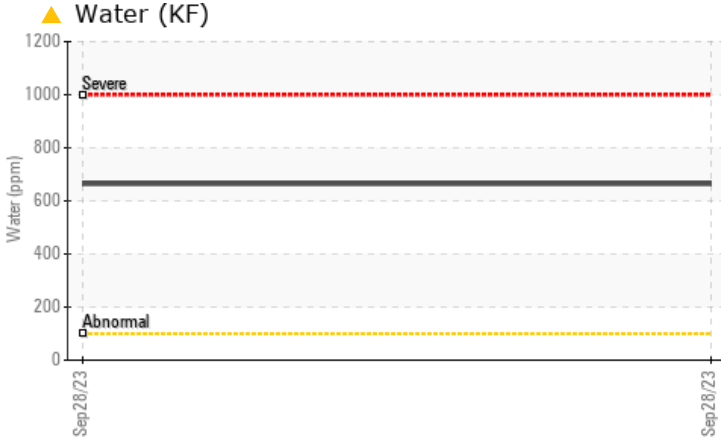


**WATER**



Machine Id  
**JOHN DEERE 1T0310SLKGF295902**  
Component  
**Diesel Fuel**  
Fluid  
**NOT GIVEN (--- QTS)**

## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

This is a baseline read-out on the submitted sample.  
No corrective action is recommended at this time.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>ABNORMAL</b>	---	---
Water	%	ASTM D6304	<0.05	▲ <b>0.066</b>	---	---
ppm Water	ppm	ASTM D6304	<500	▲ <b>664.3</b>	---	---

**Customer Id:** NPLMAN  
**Sample No.:** JR0187841  
**Lab Number:** 05965847  
**Test Package:** CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Jonathan Hester +1 919-379-4092 x4092  
[jhester@wearcheckusa.com](mailto:jhester@wearcheckusa.com)

To change component or sample information:  
Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

# FUEL REPORT

Sample Rating Trend

**WATER**


Machine Id  
**JOHN DEERE 1T0310SLKGF295902**  
 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

There is a light concentration of water present 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>JR0187841</b>	---	---
Sample Date	Client Info			<b>28 Sep 2023</b>	---	---
Machine Age	hrs	Client Info		<b>2958</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---



PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>2.28</b>	---	---

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

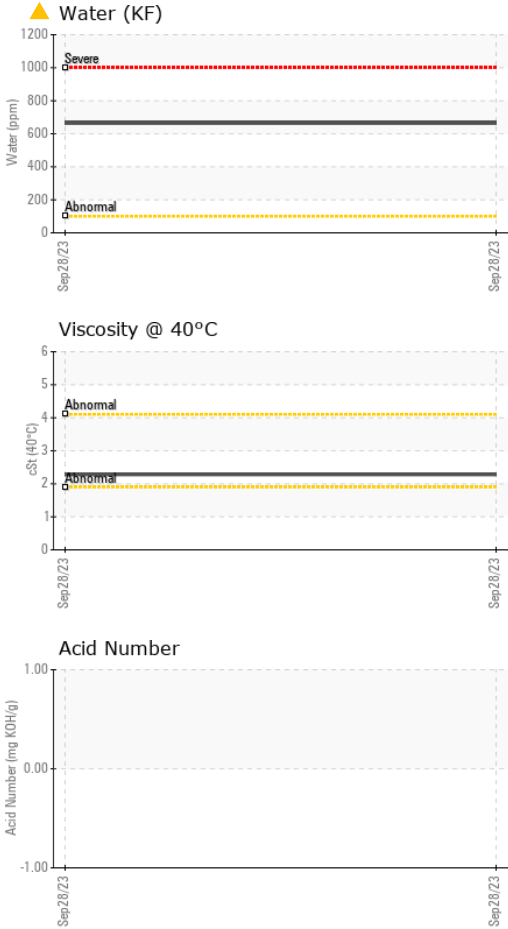
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>&lt;1</b>	---	---
Sodium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Water	%	ASTM D6304	<0.05	<b>▲ 0.066</b>	---	---
ppm Water	ppm	ASTM D6304	<500	<b>▲ 664.3</b>	---	---

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>4</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>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>3</b>	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>2</b>	---	---
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---

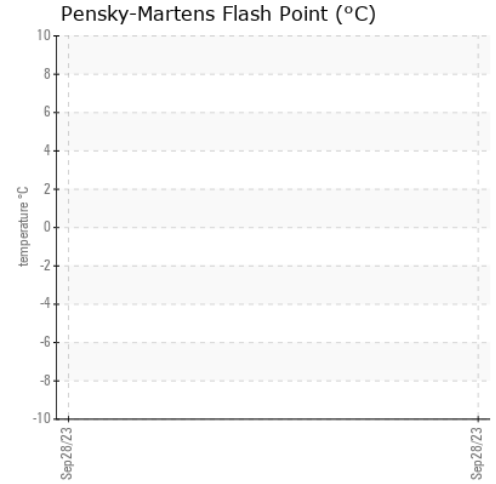
## SAMPLE IMAGES

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.** : JR0187841 **Received** : 29 Sep 2023  
**Lab Number** : **05965847** **Diagnosed** : 04 Oct 2023  
**Unique Number** : 10672398 **Diagnostician** : Jonathan Hester  
**Test Package** : CONST ( Additional Tests: KF, PQ, SCREEN )

**NPL CONSTRUCTION**  
 7611 COPPERMINE DR  
 MANASSAS, VA  
 US 20109-2668  
 Contact: BRANDON

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)

T:  
F: