PROBLEM SUMMARY

Sample Rating Trend

SEDIMENT

Area
[W09906]
Machine Id
JOHN DEERE 333G 1T0333GMKKF362326
Component
Diesel Fuel
Fluid
NOT GIVEN (--- GAL)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

We suspect abnormal contamination may be due to sampling method. We recommend you service the filters on this component if applicable.

PROBLEMATIC TEST RESULTS

Sample Status	**ABNORMAL**	---	---

Customer Id: JAMSALJR
Sample No.: JR0170692
Lab Number: 05901747
Test Package: MOBCE

To manage this report scan the QR code

To discuss the diagnosis or test data:
Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component if applicable.

HISTORICAL DIAGNOSIS

JAMES RIVER EQUIPMENT

FUEL REPORT

Sample Rating Trend

SEDIMENT

Area
[W09906]
Machine Id
JOHN DEERE 333G 1T0333GMKKF362326
Component
Diesel Fuel
Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation
We suspect abnormal contamination may be due to sampling method. We recommend you service the filters on this component if applicable.

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.

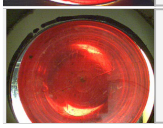
SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**JR0170692**	---	---
Sample Date		Client Info		**14 Jul 2023**	---	---
Machine Age	hrs	Client Info		**2354**	---	---
Sample Status				**ABNORMAL**	---	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		**2.46**	---	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		**5**	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	**<1**	---	---
Sodium	ppm	ASTM D5185m	<0.1	**0**	---	---
Potassium	ppm	ASTM D5185m	<0.1	**0**	---	---
Water	%	ASTM D6304	<0.05	**0.004**	---	---
ppm Water	ppm	ASTM D6304	<500	**40.9**	---	---

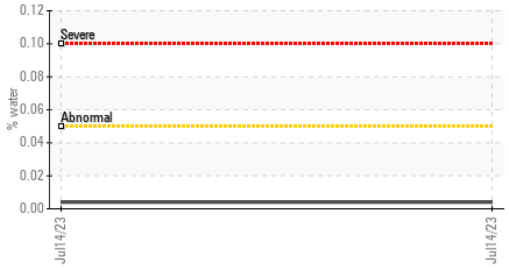
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	**<1**	---	---
Nickel	ppm	ASTM D5185m	<0.1	**0**	---	---
Lead	ppm	ASTM D5185m	<0.1	**0**	---	---
Vanadium	ppm	ASTM D5185m	<0.1	**<1**	---	---
Iron	ppm	ASTM D5185m	<0.1	**0**	---	---
Calcium	ppm	ASTM D5185m	<0.1	**0**	---	---
Magnesium	ppm	ASTM D5185m	<0.1	**<1**	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	**5**	---	---
Zinc	ppm	ASTM D5185m	<0.1	**0**	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				*no image*	*no image*
Bottom				*no image*	*no image*

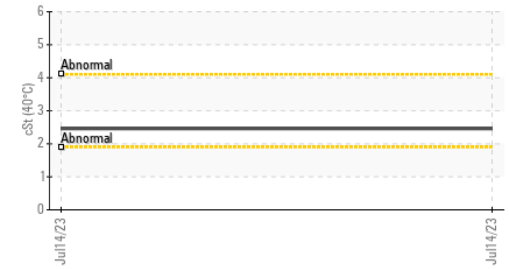
FUEL REPORT

GRAPHS

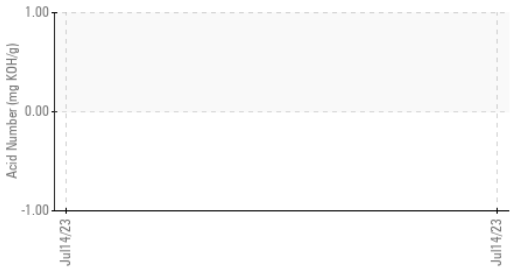
Water



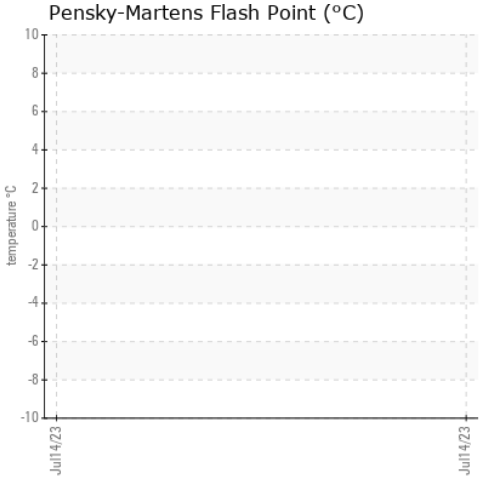
Viscosity @ 40°C



Acid Number



Pensky-Martens Flash Point (°C)



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0170692 **Received** : 18 Jul 2023
Lab Number : 05901747 **Diagnosed** : 19 Jul 2023
Unique Number : 10563103 **Diagnostician** : Doug Bogart
Test Package : MOBCE (Additional Tests: KF, PQ)

Certificate L2367

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)

JRE - SALEM
3902 W. MAIN STREET
SALEM, VA
US 24153
Contact: ROBERT SMITH
ROBERT.SMITH@JAMESRIVEREQUIPMENT.COM
T:
F: (540)380-5547