

PROBLEM SUMMARY

Sample Rating Trend

SEDIMENT



Area
[W10287]
 Machine Id
JOHN DEERE 444K DW444KZ649490
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- GAL)



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

We recommend you service the filters on this component if applicable.

PROBLEMATIC TEST RESULTS

Sample Status

MARGINAL --- ---

Customer Id: JAMSALJR
Sample No.: JR0170433
Lab Number: 05966766
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

FUEL REPORT

Sample Rating Trend

SEDIMENT

 Area
[W10287]
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JOHN DEERE 444K DW444KZ649490
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Diesel Fuel
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DIAGNOSIS
▲ Recommendation

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	JR0170433	---	---
Sample Date	Client Info	27 Sep 2023	---	---
Machine Age	hrs Client Info	5403	---	---
Sample Status		MARGINAL	---	---

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	3	---	---


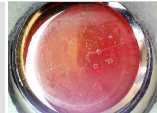
CONTAMINANTS

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	0.018	---	---
ppm Water	ppm ASTM D6304	<500	185.8	---	---

HEAVY METALS

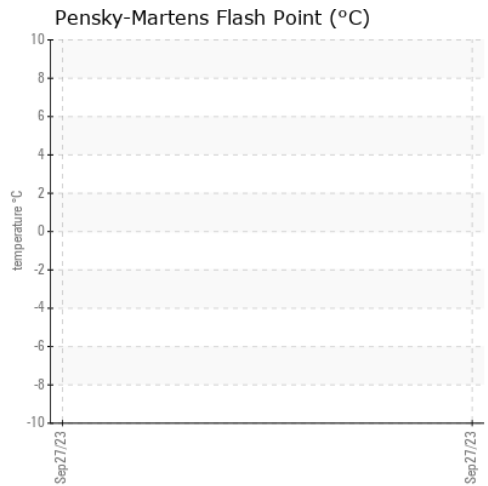
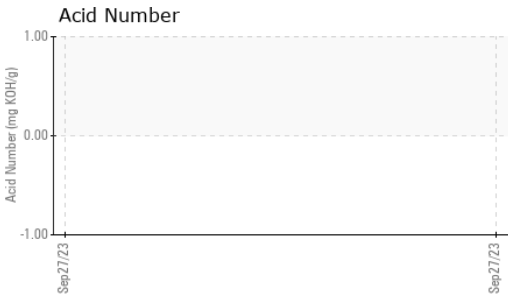
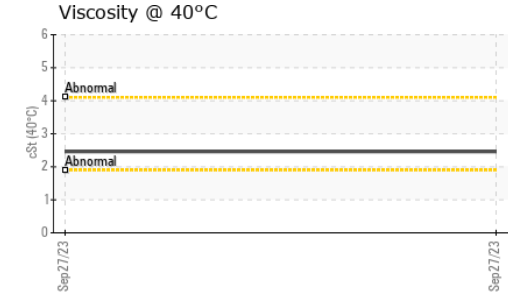
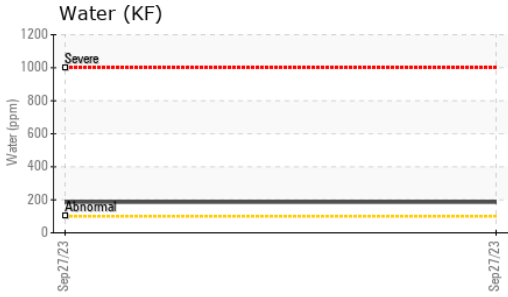
method	limit/base	current	history1	history2	
Aluminum	ppm ASTM D5185m	<0.1	<1	---	---
Nickel	ppm ASTM D5185m	<0.1	0	---	---
Lead	ppm ASTM D5185m	<0.1	0	---	---
Vanadium	ppm ASTM D5185m	<0.1	0	---	---
Iron	ppm ASTM D5185m	<0.1	0	---	---
Calcium	ppm ASTM D5185m	<0.1	2	---	---
Magnesium	ppm ASTM D5185m	<0.1	2	---	---
Phosphorus	ppm ASTM D5185m	<0.1	3	---	---
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



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0170433 **Received** : 02 Oct 2023
Lab Number : 05966766 **Diagnosed** : 10 Oct 2023
Unique Number : 10673317 **Diagnostician** : Doug Bogart
Test Package : MOBCE (Additional Tests: KF, PQ)

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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