



CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
FUEL CONDITION	<b>NORMAL</b>

Machine Id  
**JOHN DEERE 948L 716213**

Component  
**Diesel Fuel**

Fluid  
**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)**

**RECOMMENDATION**

No corrective action is recommended at this time.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0213326</b>	---	---
Sample Date		Client Info		<b>08 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>557</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**CORROSION**

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

Iron	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Chromium	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Silver	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Lead	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Copper	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Tin	ppm	ASTM D5185m	>2	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

**CONTAMINANTS**

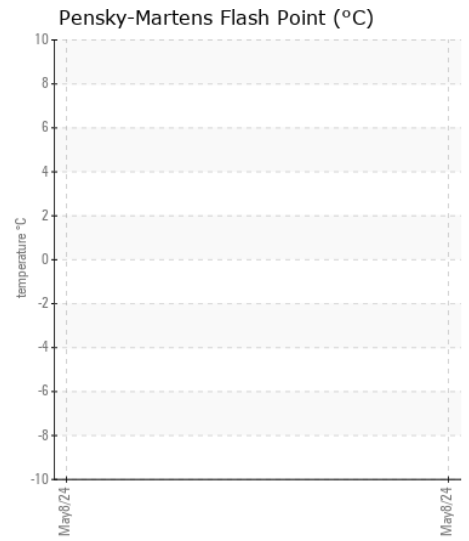
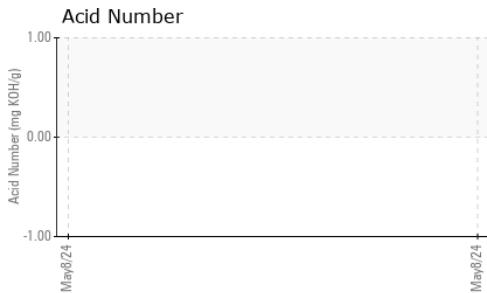
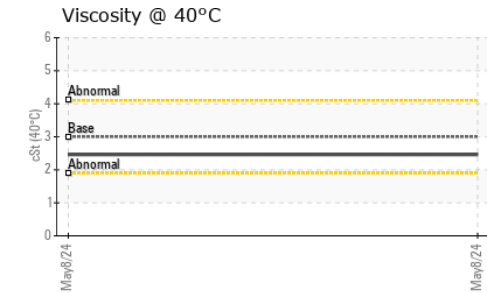
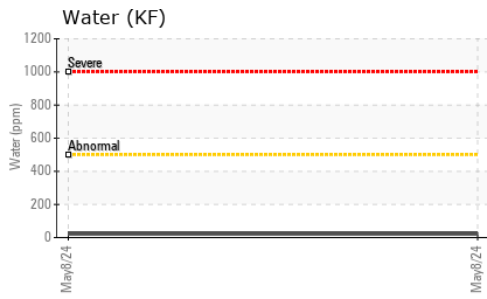
The water content is negligible. There is no indication of any contamination in the fuel.

Silicon	ppm	ASTM D5185m	>10	<b>0</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	---	---
Water	%	ASTM D6304	>0.05	<b>0.002</b>	---	---
ppm Water	ppm	ASTM D6304	>500	<b>22</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual	>0.05	<b>NEG</b>	---	---

**FUEL CONDITION**

The condition of the fuel is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	---	---
Boron	ppm	ASTM D5185m	2	<b>0</b>	---	---
Barium	ppm	ASTM D5185m	2	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m	2	<b>0</b>	---	---
Manganese	ppm	ASTM D5185m		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185m	2	<b>&lt;1</b>	---	---
Calcium	ppm	ASTM D5185m	2	<b>0</b>	---	---
Phosphorus	ppm	ASTM D5185m	2	<b>0</b>	---	---
Zinc	ppm	ASTM D5185m	2	<b>0</b>	---	---
Sulfur	ppm	ASTM D5185m	10	<b>0</b>	---	---
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.46</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0213326 **Received** : 09 May 2024  
**Lab Number** : 06174545 **Tested** : 16 May 2024  
**Unique Number** : 11020598 **Diagnosed** : 16 May 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: KF, PQ, SCREEN )

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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