



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>SEVERE</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**[W47088]**

Machine Id  
**JOHN DEERE 310 P 1DW310PAJPF07268**

Component  
**Transmission**

Fluid  
**JOHN DEERE HD SynTran (--- GAL)**

### RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition.

### WEAR

All component wear rates are normal.

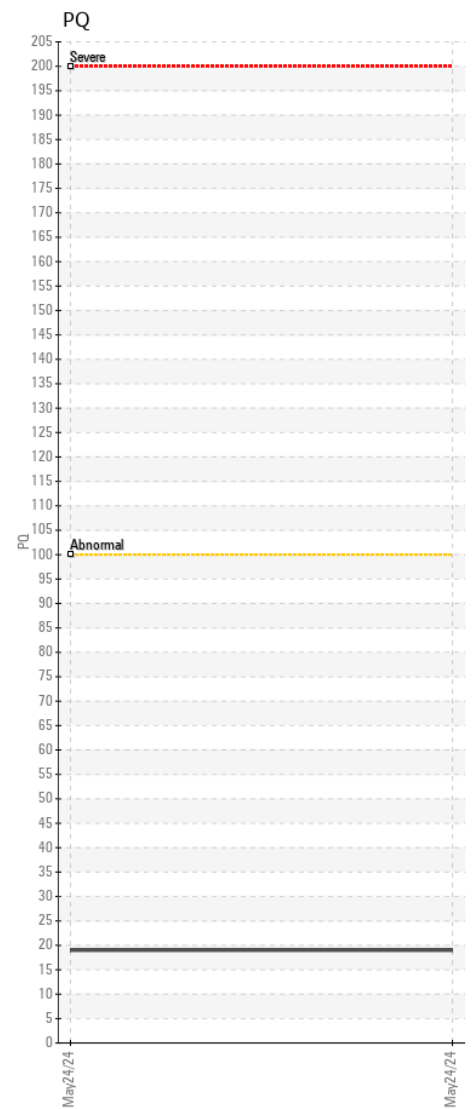
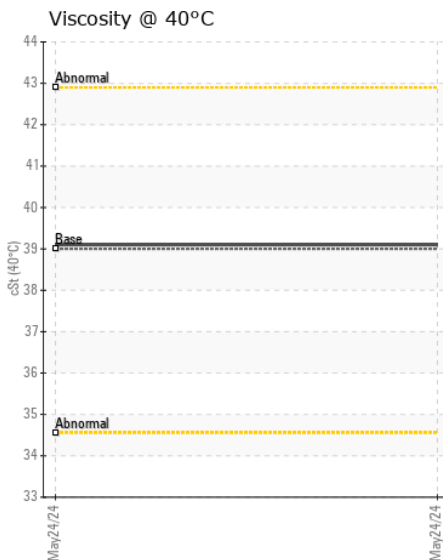
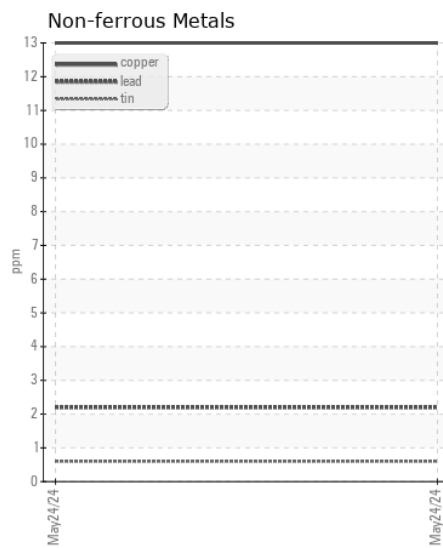
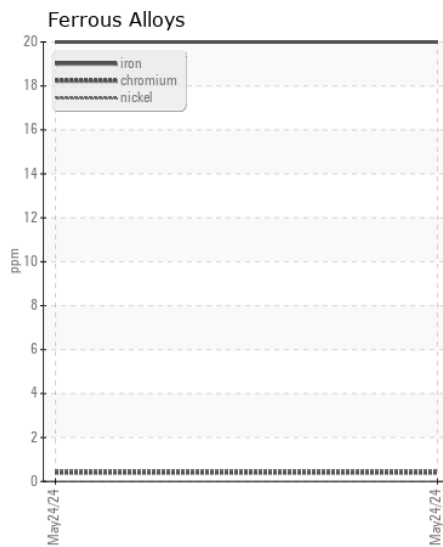
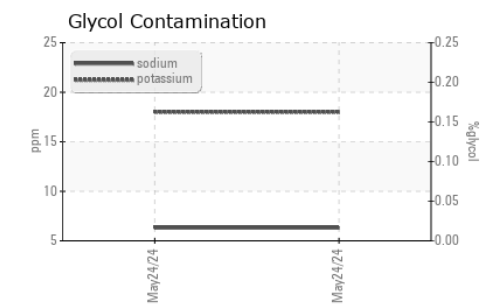
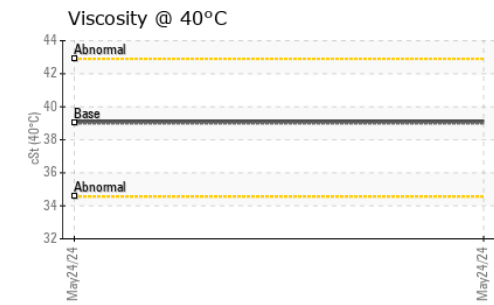
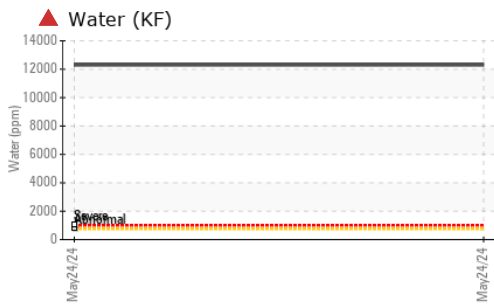
### CONTAMINATION

Moderate concentration of visible dirt/debris present in the fluid. There is a high concentration of water present in the fluid.

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0217745</b>	---	---
Sample Date		Client Info		<b>24 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>408</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>SEVERE</b>	---	---
PQ		ASTM D8184	>100	<b>19</b>	---	---
Iron	ppm	ASTM D5185m	>61	<b>20</b>	---	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185m		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>20	<b>5</b>	---	---
Lead	ppm	ASTM D5185m	>9	<b>2</b>	---	---
Copper	ppm	ASTM D5185m	>100	<b>13</b>	---	---
Tin	ppm	ASTM D5185m	>3	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Silicon	ppm	ASTM D5185m	>21	<b>8</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>18</b>	---	---
Water	%	ASTM D6304	>0.075	<b>▲ 1.23</b>	---	---
ppm Water	ppm	ASTM D6304	>750	<b>▲ 12300</b>	---	---
Silt	scalar	*Visual	NONE	<b>▲ MODER</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	>0.075	<b>▲ 0.2%</b>	---	---
Sodium	ppm	ASTM D5185m	>30	<b>6</b>	---	---
Boron	ppm	ASTM D5185m	168	<b>176</b>	---	---
Barium	ppm	ASTM D5185m		<b>2</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185m		<b>1</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>3</b>	---	---
Calcium	ppm	ASTM D5185m	33	<b>70</b>	---	---
Phosphorus	ppm	ASTM D5185m	330	<b>342</b>	---	---
Zinc	ppm	ASTM D5185m	0	<b>81</b>	---	---
Sulfur	ppm	ASTM D5185m	980	<b>342</b>	---	---
Visc @ 40°C	cSt	ASTM D445	39	<b>39.1</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0217745 **Received** : 29 May 2024  
**Lab Number** : 06194700 **Tested** : 31 May 2024  
**Unique Number** : 11056823 **Diagnosed** : 31 May 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: Glycol, KF, PQ )

**JRE - MANASSAS PARK**  
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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)