



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

Machine Id  
**JOHN DEERE 624L 1DW624LZVKF700814**

Component  
**Transmission (Manual)**

Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0218939</b>	JR0175761	---
Sample Date		Client Info		<b>10 Jul 2024</b>	13 Jun 2023	---
Machine Age	hrs	Client Info		<b>5990</b>	5167	---
Oil Age	hrs	Client Info		<b>823</b>	0	---
Filter Age	hrs	Client Info		<b>823</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Changed	---
Filter Changed		Client Info		<b>Not Changd</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>22</b>	18	---
Iron	ppm	ASTM D5185m	>200	<b>25</b>	22	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m	>7	<b>&lt;1</b>	<1	---
Aluminum	ppm	ASTM D5185m	>25	<b>7</b>	<1	---
Lead	ppm	ASTM D5185m	>45	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>225	<b>46</b>	67	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	2	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

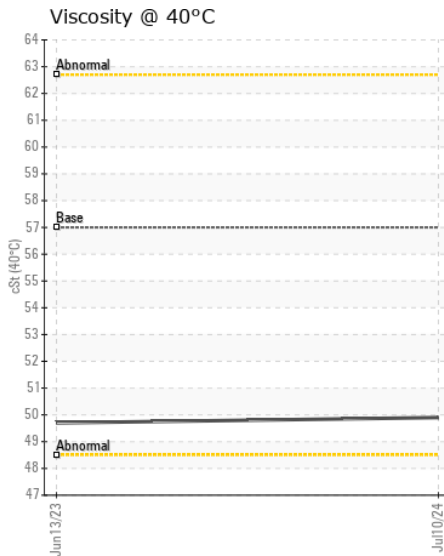
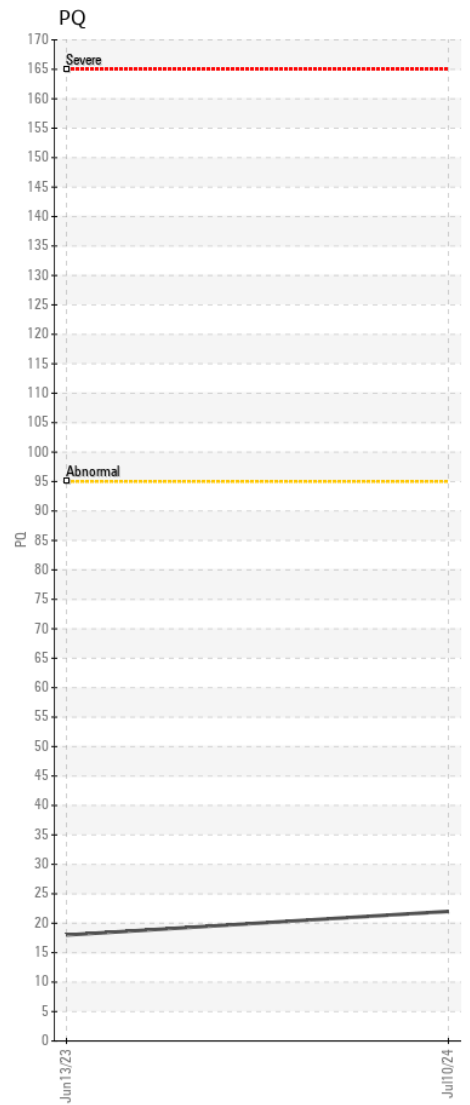
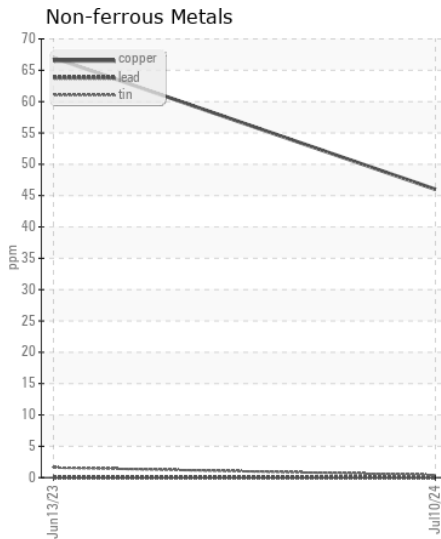
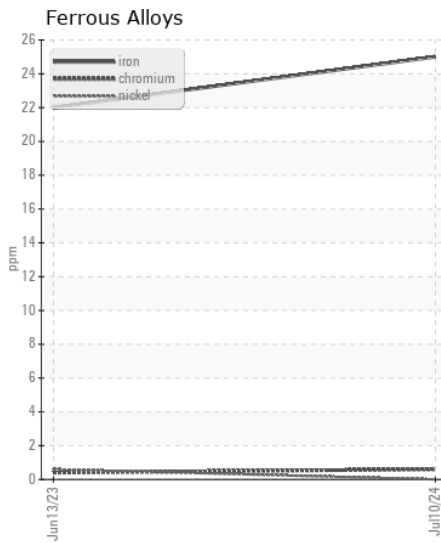
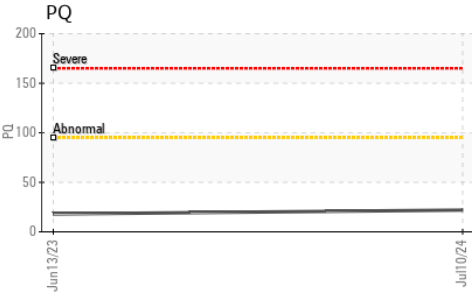
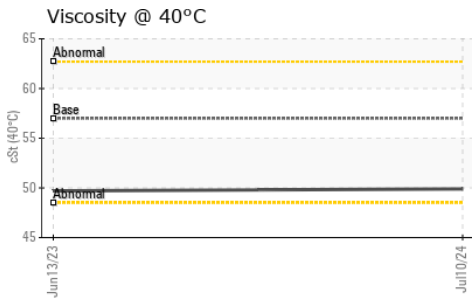
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	<b>32</b>	24	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	4	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>1</b>	8	---
Boron	ppm	ASTM D5185m	6	<b>0</b>	0	---
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	0	<b>1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185m	145	<b>87</b>	73	---
Calcium	ppm	ASTM D5185m	3570	<b>3605</b>	3162	---
Phosphorus	ppm	ASTM D5185m	1290	<b>1049</b>	1048	---
Zinc	ppm	ASTM D5185m	1640	<b>1226</b>	1300	---
Sulfur	ppm	ASTM D5185m		<b>3218</b>	4441	---
Visc @ 40°C	cSt	ASTM D445	57.0	<b>49.9</b>	49.7	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0218939 **Received** : 12 Jul 2024  
**Lab Number** : 06235158 **Tested** : 15 Jul 2024  
**Unique Number** : 11123992 **Diagnosed** : 15 Jul 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - ASHEVILLE**  
 101 BRUCE DRIVE  
 ASHEVILLE, NC  
 US 28806

Contact: Randy Warren  
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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)

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