



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

Area

**[05W45990]**

Machine Id

**JOHN DEERE 624L 1DW624LTLLF708606**

Component

**Brake**

Fluid

**JOHN DEERE HY-GARD HYD/TRANS (11 Oz)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0211033</b>	JR0203335	JR0195868
Sample Date		Client Info		<b>20 Apr 2024</b>	12 Feb 2024	01 Dec 2023
Machine Age	hrs	Client Info		<b>8049</b>	7517	7041
Oil Age	hrs	Client Info		<b>1000</b>	476	1041
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>22</b>	20	16
Iron	ppm	ASTM D5185m	>350	<b>58</b>	37	36
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>8	<b>3</b>	2	1
Lead	ppm	ASTM D5185m	>10	<b>2</b>	2	▲ 20
Copper	ppm	ASTM D5185m	>150	<b>1</b>	<1	5
Tin	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

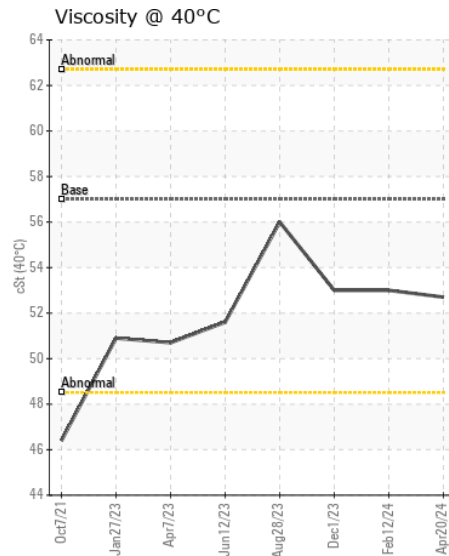
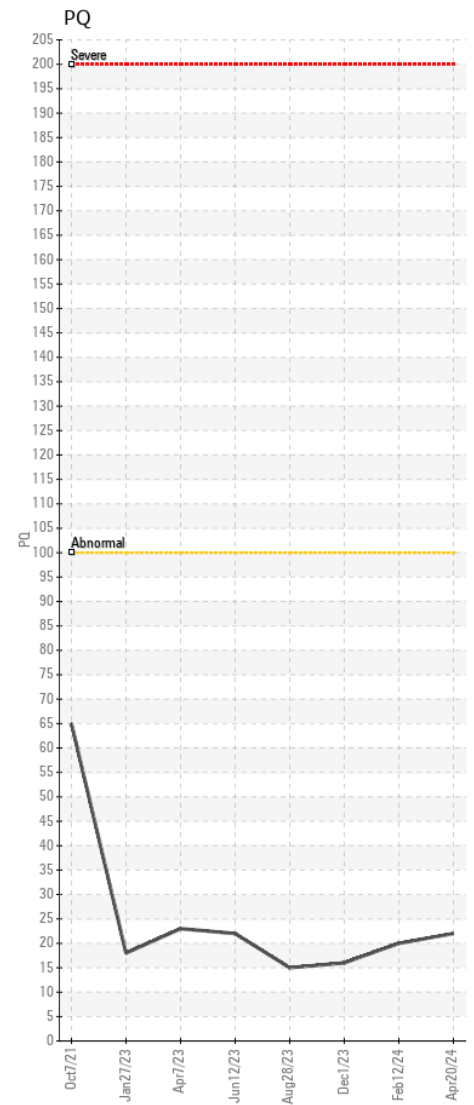
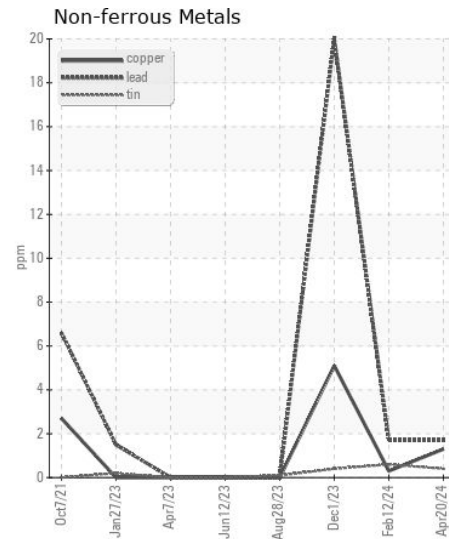
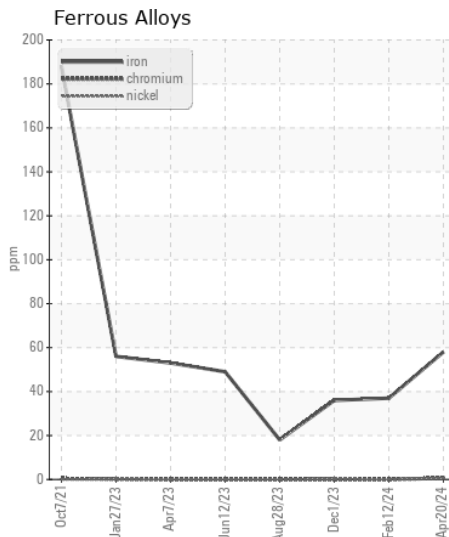
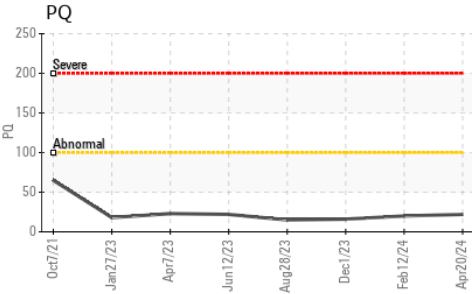
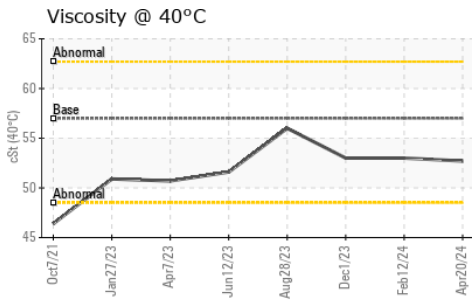
There is no indication of any contamination in the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>400	<b>72</b>	51	35
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	0
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		<b>10</b>	6	4
Boron	ppm	ASTM D5185m	6	<b>18</b>	13	8
Barium	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>17</b>	11	6
Manganese	ppm	ASTM D5185m		<b>2</b>	1	1
Magnesium	ppm	ASTM D5185m	145	<b>157</b>	116	118
Calcium	ppm	ASTM D5185m	3570	<b>4246</b>	2957	3172
Phosphorus	ppm	ASTM D5185m	1290	<b>1293</b>	985	1034
Zinc	ppm	ASTM D5185m	1640	<b>1519</b>	1149	1215
Sulfur	ppm	ASTM D5185m		<b>4908</b>	3529	3698
Visc @ 40°C	cSt	ASTM D445	57.0	<b>52.7</b>	53.0	53.0



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0211033 **Received** : 23 Apr 2024  
**Lab Number** : 06158536 **Tested** : 25 Apr 2024  
**Unique Number** : 10993959 **Diagnosed** : 25 Apr 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
 9107 OWENS DRIVE  
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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)