



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

Machine Id  
**JOHN DEERE 624 P 1DW624PAVPLX19408**

Component  
**Brake**

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>JR0207785</b>	JR0191223	---
Sample Date		Client Info		<b>16 May 2024</b>	10 Nov 2023	---
Machine Age	hrs	Client Info		<b>2299</b>	1134	---
Oil Age	hrs	Client Info		<b>1165</b>	1134	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>51</b>	59	---
Iron	ppm	ASTM D5185m	>350	<b>85</b>	91	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185m	>8	<b>6</b>	3	---
Lead	ppm	ASTM D5185m	>10	<b>7</b>	▲ 13	---
Copper	ppm	ASTM D5185m	>150	<b>1</b>	2	---
Tin	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

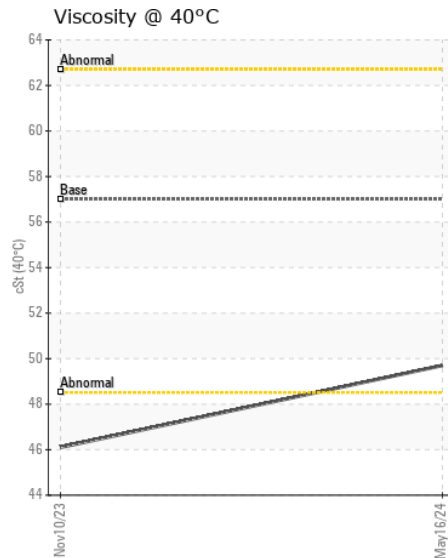
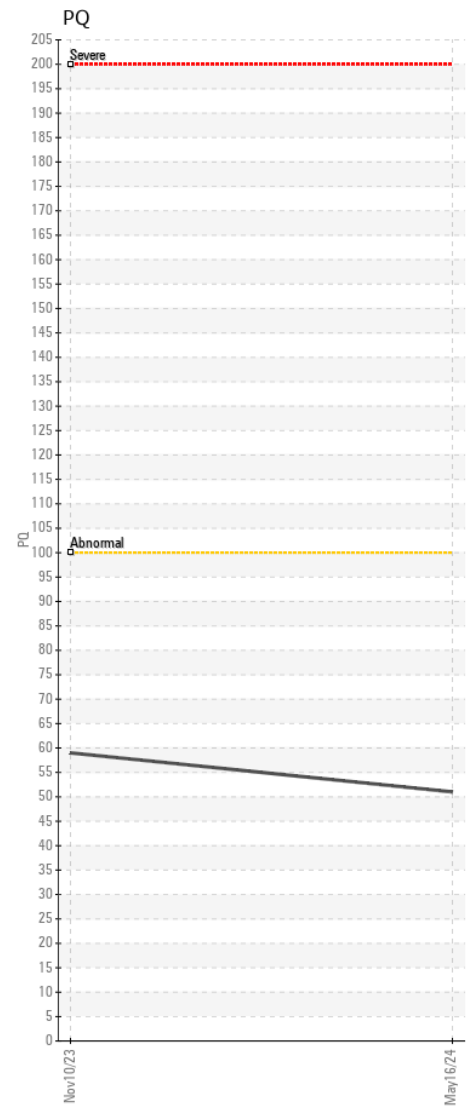
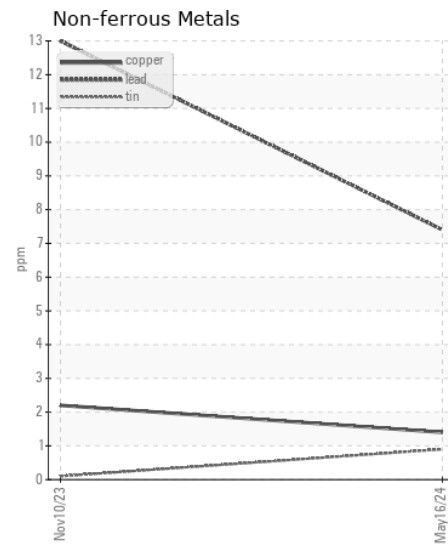
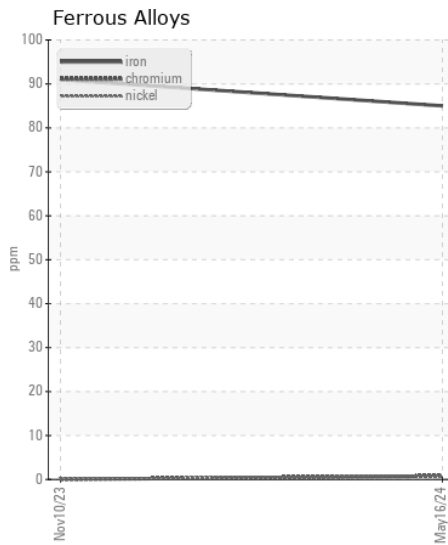
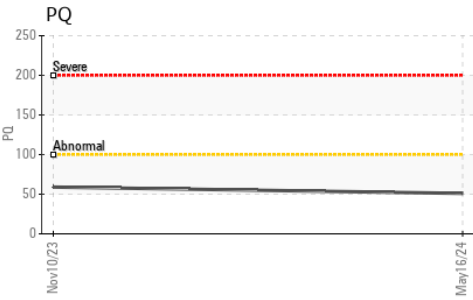
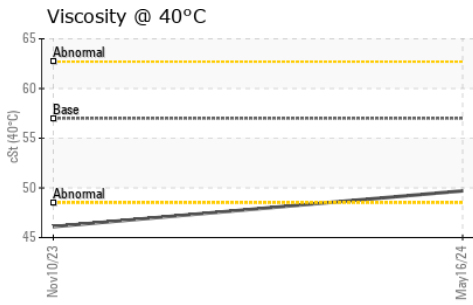
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>400	<b>147</b>	296	---
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	3	---
Water		WC Method	>0.2	<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	>0.2	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>12</b>	3	---
Boron	ppm	ASTM D5185m	6	<b>32</b>	88	---
Barium	ppm	ASTM D5185m	0	<b>10</b>	2	---
Molybdenum	ppm	ASTM D5185m	0	<b>79</b>	247	---
Manganese	ppm	ASTM D5185m		<b>3</b>	2	---
Magnesium	ppm	ASTM D5185m	145	<b>145</b>	440	---
Calcium	ppm	ASTM D5185m	3570	<b>2815</b>	1519	---
Phosphorus	ppm	ASTM D5185m	1290	<b>1026</b>	738	---
Zinc	ppm	ASTM D5185m	1640	<b>1116</b>	866	---
Sulfur	ppm	ASTM D5185m		<b>4842</b>	2535	---
Visc @ 40°C	cSt	ASTM D445	57.0	<b>49.7</b>	46.1	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0207785 **Received** : 21 May 2024  
**Lab Number** : 06186940 **Tested** : 23 May 2024  
**Unique Number** : 11043692 **Diagnosed** : 23 May 2024 - Don Baldrige  
**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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