



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



Area  
**[W65767]**  
 Machine Id  
**JOHN DEERE 672GP 1DW672GPEMF710668**  
 Component  
**Right Tandem**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (19 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: W65767 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0206046</b>	JR0170938	---
Sample Date		Client Info		<b>09 Apr 2024</b>	12 Jul 2023	---
Machine Age	hrs	Client Info		<b>1980</b>	1484	---
Oil Age	hrs	Client Info		<b>1980</b>	1484	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>64</b>	49	---
Iron	ppm	ASTM D5185m	>250	<b>199</b>	171	---
Chromium	ppm	ASTM D5185m	>11	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>40	<b>&lt;1</b>	2	---
Lead	ppm	ASTM D5185m	>11	<b>2</b>	3	---
Copper	ppm	ASTM D5185m	>25	<b>11</b>	12	---
Tin	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

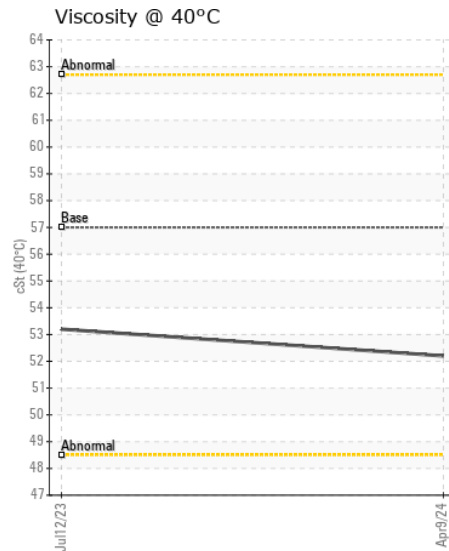
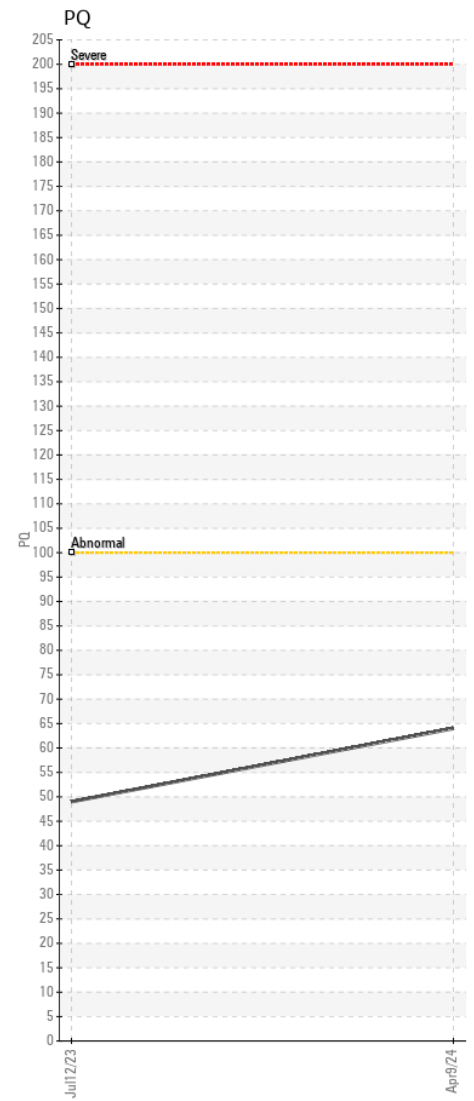
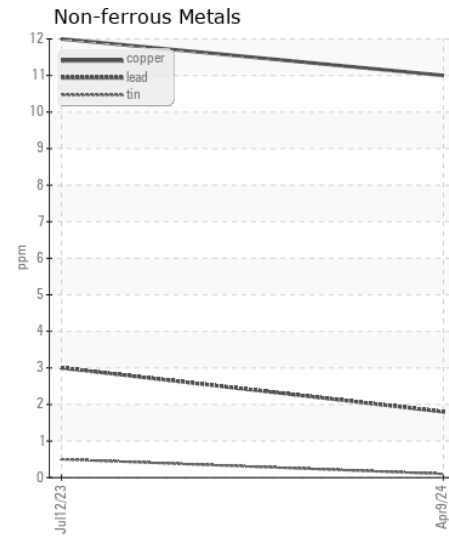
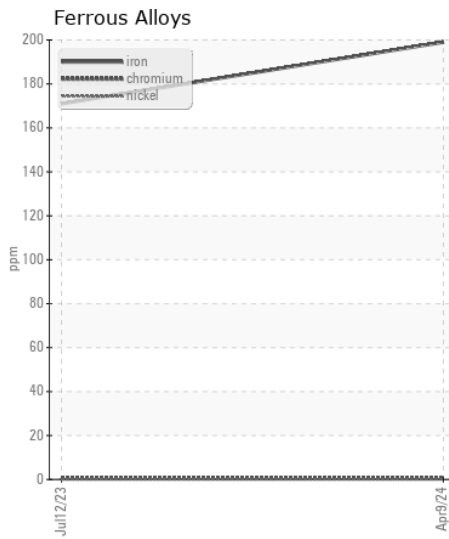
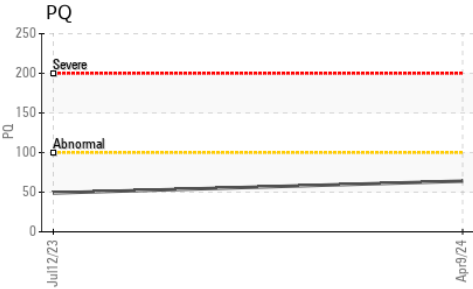
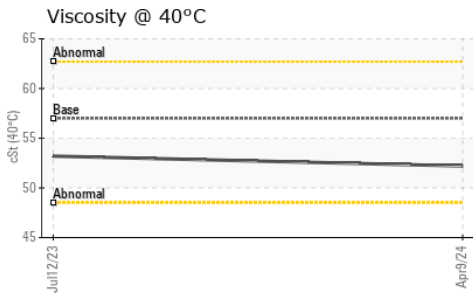
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>100	<b>5</b>	5	---
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	2	---
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 oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>21	<b>3</b>	3	---
Boron	ppm	ASTM D5185m	6	<b>2</b>	2	---
Barium	ppm	ASTM D5185m	0	<b>9</b>	<1	---
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>5</b>	4	---
Magnesium	ppm	ASTM D5185m	145	<b>96</b>	97	---
Calcium	ppm	ASTM D5185m	3570	<b>3237</b>	3758	---
Phosphorus	ppm	ASTM D5185m	1290	<b>1089</b>	1145	---
Zinc	ppm	ASTM D5185m	1640	<b>1242</b>	1342	---
Sulfur	ppm	ASTM D5185m		<b>4304</b>	4594	---
Visc @ 40°C	cSt	ASTM D445	57.0	<b>52.2</b>	53.2	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0206046 **Received** : 12 Apr 2024  
**Lab Number** : 06147639 **Tested** : 15 Apr 2024  
**Unique Number** : 10977717 **Diagnosed** : 16 Apr 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**CARLTON'S BACKHOE**  
 9550 STATESVILLE ROAD  
 CHARLOTTE, NC  
 US 28269  
 Contact: LEO

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)

T: (704)547-0211

F: