



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



Area  
**[W66274]**  
 Machine Id  
**JOHN DEERE 210G 1FF210GXEJF526174**  
 Component  
**Left Final Drive**  
 Fluid  
**JOHN DEERE GL-5 80W90 (2 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: W66274 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0205504</b>	JR0150197	JR0108804
Sample Date		Client Info		<b>17 Apr 2024</b>	08 Nov 2022	29 Nov 2021
Machine Age	hrs	Client Info		<b>2970</b>	2096	1642
Oil Age	hrs	Client Info		<b>874</b>	500	500
Filter Age	hrs	Client Info		<b>0</b>	500	500
Oil Changed		Client Info		<b>Not Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Not Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>102</b>	9	94
Iron	ppm	ASTM D5185m	>750	<b>448</b>	5	359
Chromium	ppm	ASTM D5185m	>9	<b>6</b>	0	6
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>2</b>	<1	2
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>1</b>	0	1
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

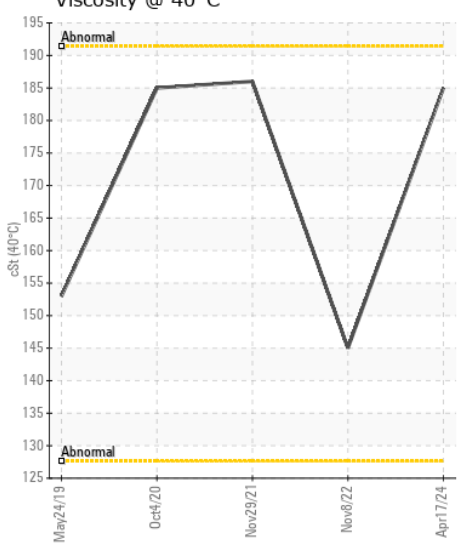
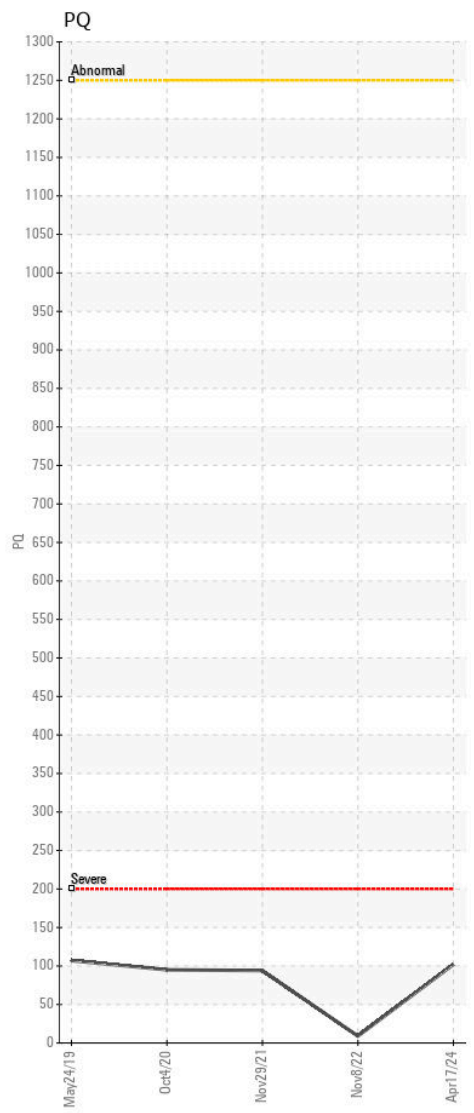
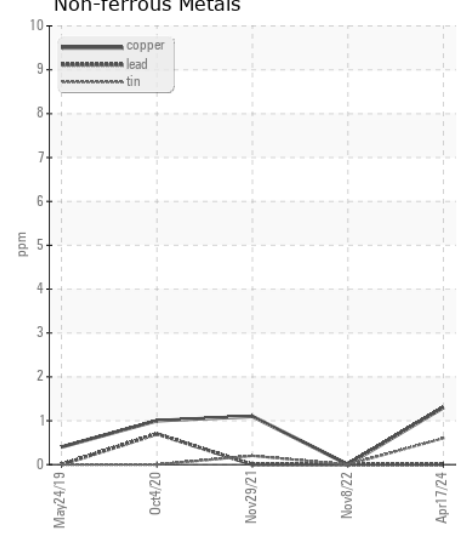
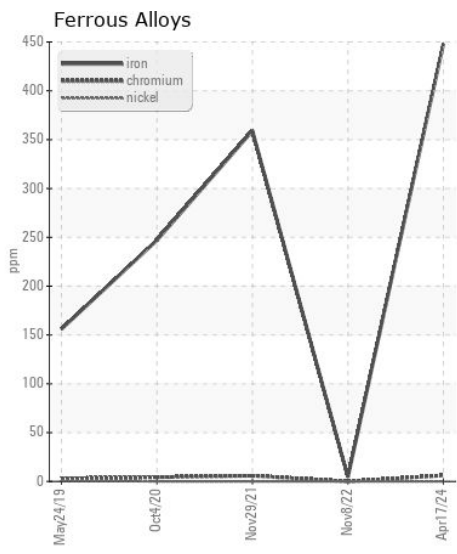
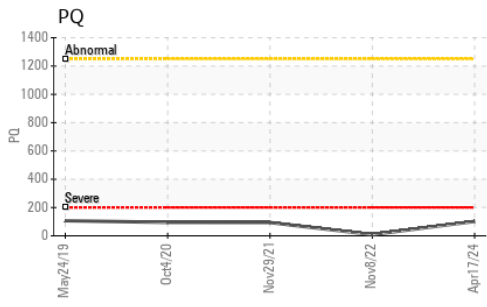
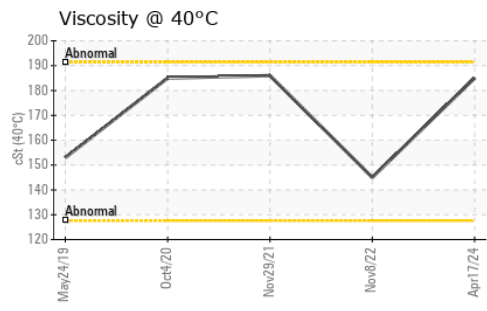
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>30</b>	2	27
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	0	6
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	VLITE
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	>0.075	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>2</b>	4	<1
Boron	ppm	ASTM D5185m		<b>47</b>	58	58
Barium	ppm	ASTM D5185m		<b>6</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>5</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>8</b>	0	7
Magnesium	ppm	ASTM D5185m		<b>15</b>	0	0
Calcium	ppm	ASTM D5185m		<b>34</b>	17	19
Phosphorus	ppm	ASTM D5185m		<b>479</b>	614	527
Zinc	ppm	ASTM D5185m		<b>52</b>	7	40
Sulfur	ppm	ASTM D5185m		<b>16529</b>	22298	14017
Visc @ 40°C	cSt	ASTM D445		<b>185</b>	145	186



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0205504 **Received** : 19 Apr 2024  
**Lab Number** : 06154730 **Tested** : 23 Apr 2024  
**Unique Number** : 10990153 **Diagnosed** : 23 Apr 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - CHARLOTTE**  
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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)