



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



Area  
**[W49602]**  
 Machine Id  
**JOHN DEERE 210G 1FF210GXHLF528315**  
 Component  
**Swing Drive**  
 Fluid  
**JOHN DEERE GL-5 80W90 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0199975</b>	JR0107006	JR0068191
Sample Date		Client Info		<b>08 Feb 2024</b>	23 Feb 2022	17 Mar 2021
Machine Age	hrs	Client Info		<b>3001</b>	1958	917
Oil Age	hrs	Client Info		<b>0</b>	1000	917
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>30</b>	71	33
Iron	ppm	ASTM D5185m	>151	<b>34</b>	78	55
Chromium	ppm	ASTM D5185m	>11	<b>&lt;1</b>	1	1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>21	<b>2</b>	0	<1
Lead	ppm	ASTM D5185m	>51	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>51	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	0
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

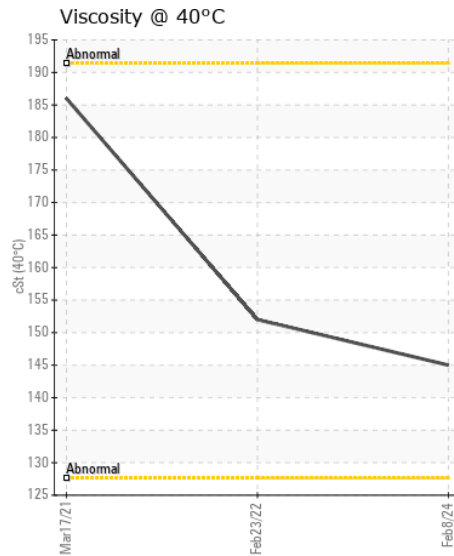
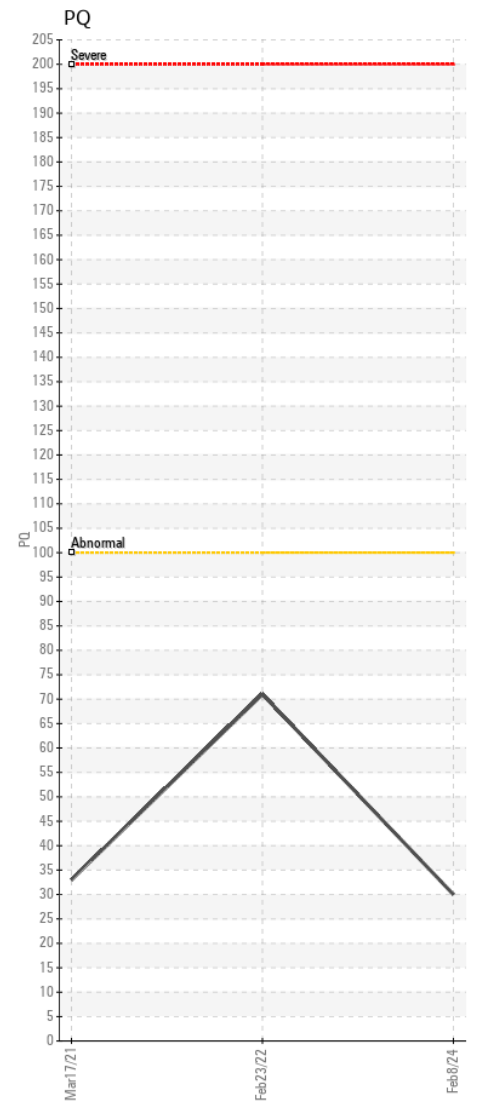
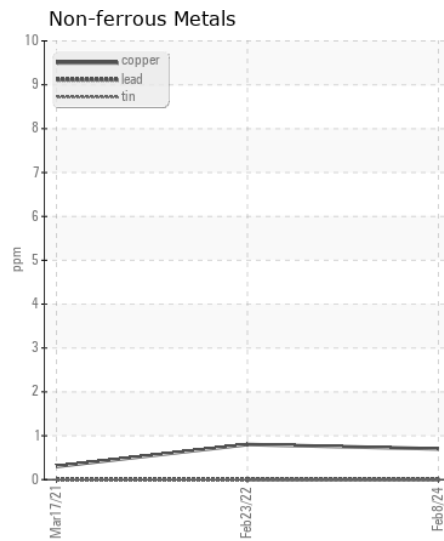
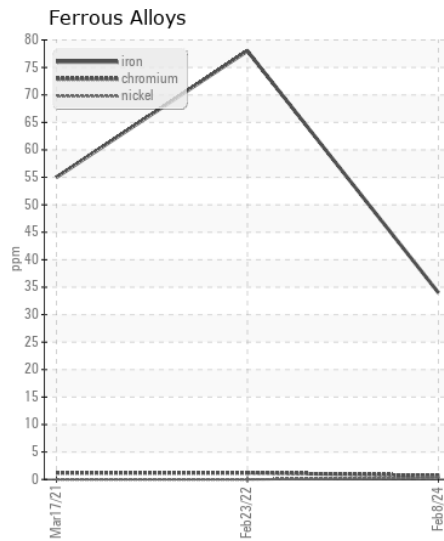
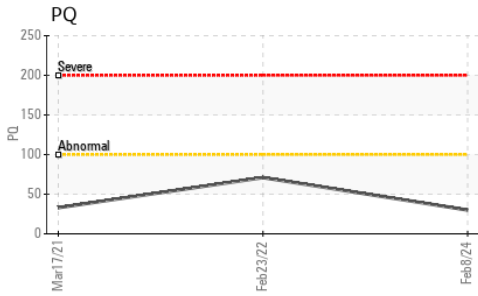
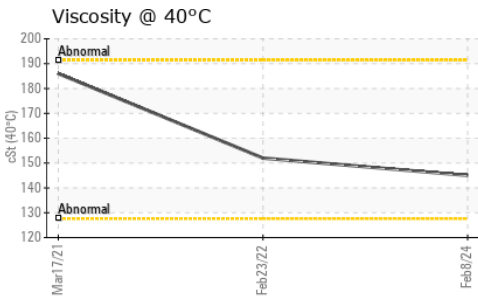
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>6</b>	9	10
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	NONE
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	>0.1	<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>0</b>	0	3
Boron	ppm	ASTM D5185m		<b>125</b>	152	80
Barium	ppm	ASTM D5185m		<b>20</b>	0	2
Molybdenum	ppm	ASTM D5185m		<b>2</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	2
Magnesium	ppm	ASTM D5185m		<b>8</b>	1	0
Calcium	ppm	ASTM D5185m		<b>30</b>	22	31
Phosphorus	ppm	ASTM D5185m		<b>782</b>	940	480
Zinc	ppm	ASTM D5185m		<b>9</b>	8	12
Sulfur	ppm	ASTM D5185m		<b>18796</b>	20324	12816
Visc @ 40°C	cSt	ASTM D445		<b>145</b>	152	186



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0199975 **Received** : 13 Feb 2024  
**Lab Number** : 06087641 **Tested** : 14 Feb 2024  
**Unique Number** : 10875086 **Diagnosed** : 14 Feb 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

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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