



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



Machine Id  
**JOHN DEERE 210G 1FF210GXANF530128**

Component  
**Left Final Drive**

Fluid  
**GEAR OIL SAE 140 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0203541</b>	JR0178008	---
Sample Date		Client Info		<b>06 Feb 2024</b>	01 Aug 2023	---
Machine Age	hrs	Client Info		<b>997</b>	465	---
Oil Age	hrs	Client Info		<b>997</b>	0	---
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>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>224</b>	16	---
Iron	ppm	ASTM D5185m	>750	<b>269</b>	0	---
Chromium	ppm	ASTM D5185m	>9	<b>4</b>	0	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>40	<b>1</b>	0	---
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>40	<b>1</b>	<1	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

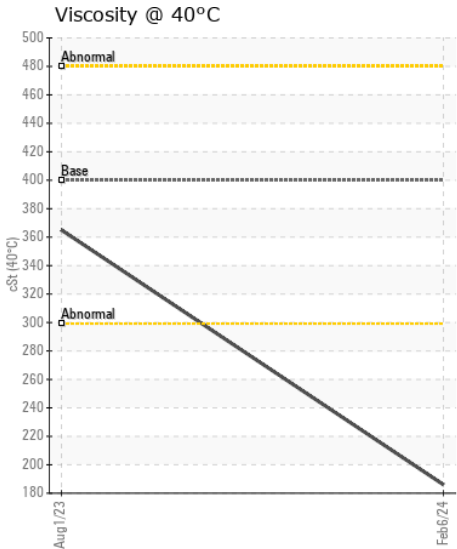
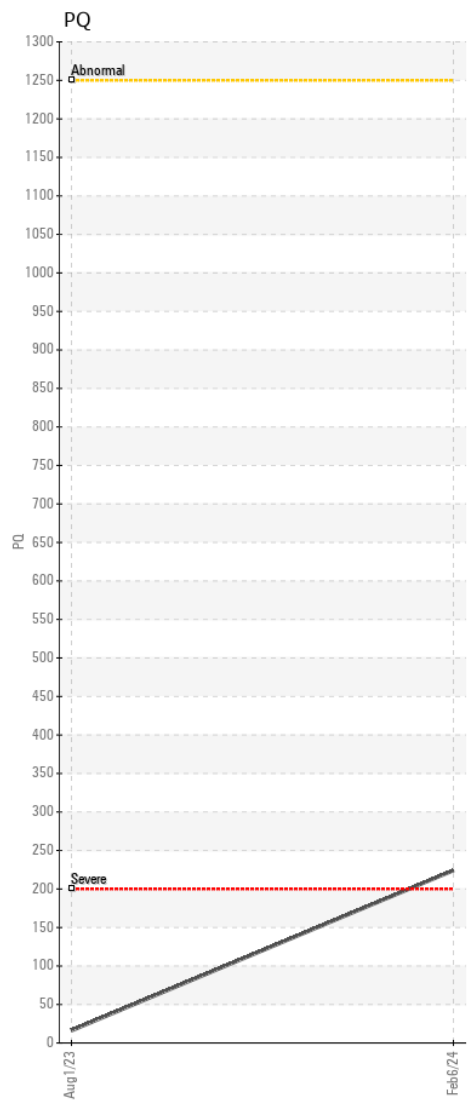
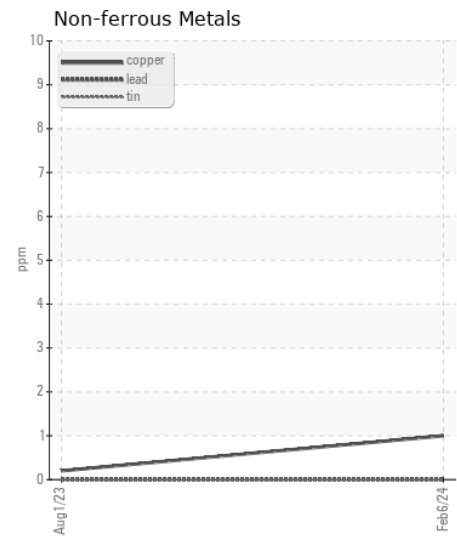
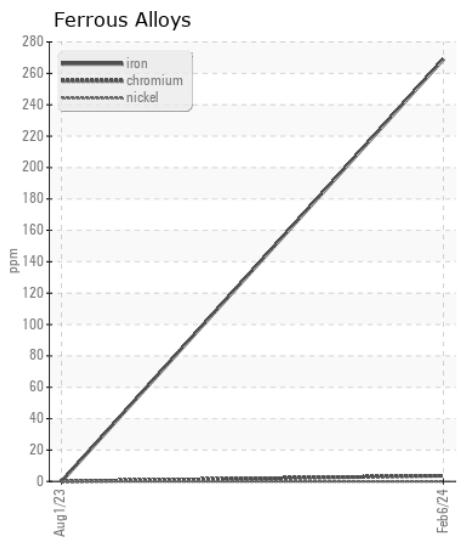
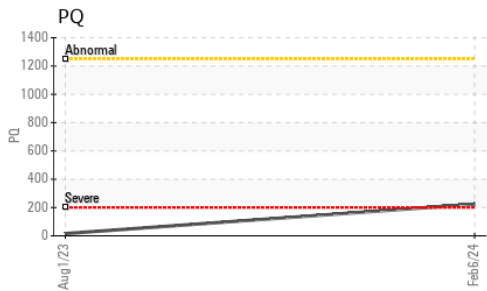
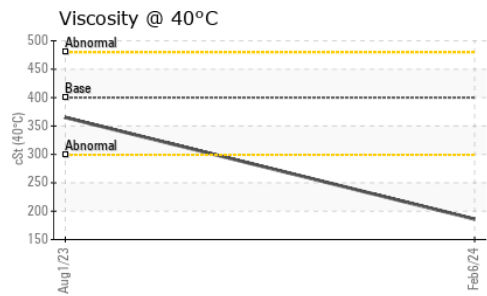
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>22</b>	<1	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	---
Water		WC Method	>0.075	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>LIGHT</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	>0.075	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>0</b>	4	---
Boron	ppm	ASTM D5185m	400	<b>60</b>	0	---
Barium	ppm	ASTM D5185m	200	<b>16</b>	0	---
Molybdenum	ppm	ASTM D5185m	12	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>4</b>	0	---
Magnesium	ppm	ASTM D5185m	12	<b>2</b>	3	---
Calcium	ppm	ASTM D5185m	150	<b>36</b>	7	---
Phosphorus	ppm	ASTM D5185m	1650	<b>510</b>	2393	---
Zinc	ppm	ASTM D5185m	125	<b>46</b>	9	---
Sulfur	ppm	ASTM D5185m	22500	<b>15182</b>	25056	---
Visc @ 40°C	cSt	ASTM D445	400	<b>186</b>	365	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0203541 **Received** : 13 Feb 2024  
**Lab Number** : 06087706 **Tested** : 14 Feb 2024  
**Unique Number** : 10875151 **Diagnosed** : 15 Feb 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - CHARLOTTE**  
 9550 STATESVILLE ROAD  
 CHARLOTTE, NC  
 US 28269  
 Contact: CHARLOTTE SHOP  
 myoung@jamesriverequipment.com  
 T: (704)597-0211  
 F: (704)596-6198

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)