



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

Machine Id  
**JOHN DEERE 350G 1FF350GXJLF814408**  
 Component  
**Left Final 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>JR0212541</b>	JR0167970	JR0093971
Sample Date		Client Info		<b>07 May 2024</b>	16 May 2023	25 Jun 2021
Machine Age	hrs	Client Info		<b>4068</b>	4068	1505
Oil Age	hrs	Client Info		<b>0</b>	4068	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>32</b>	365	242
Iron	ppm	ASTM D5185m	>750	<b>184</b>	978	153
Chromium	ppm	ASTM D5185m	>9	<b>2</b>	14	4
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	2	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	3	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>8</b>	73	17
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>0</b>	2	<1
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	VLITE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

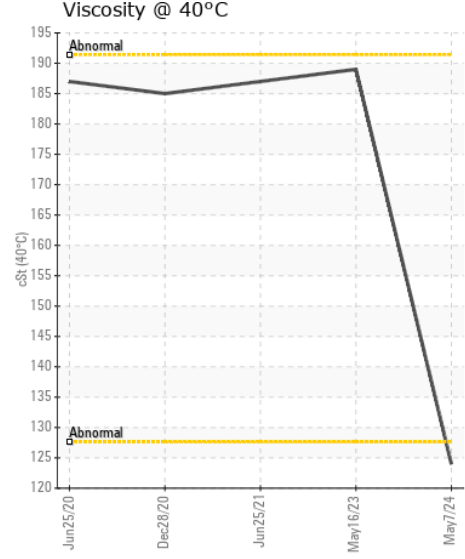
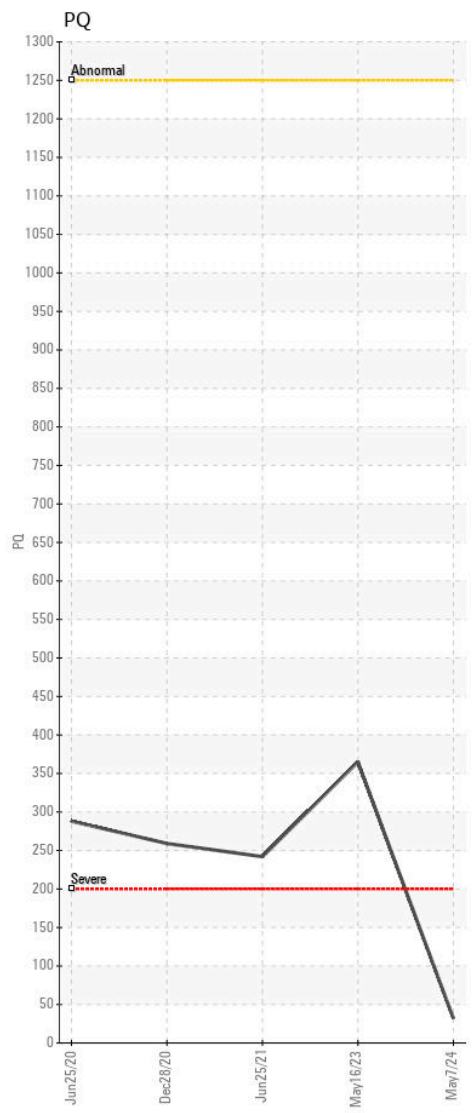
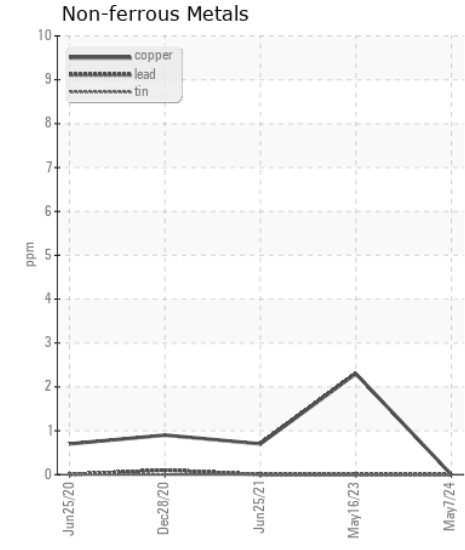
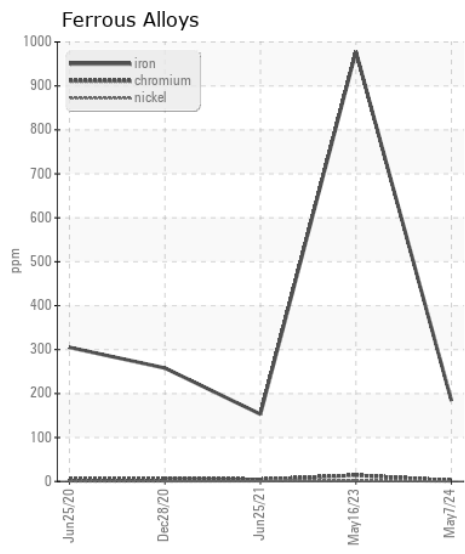
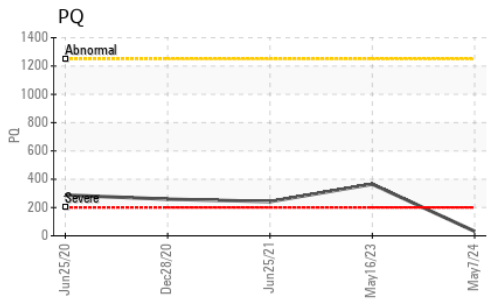
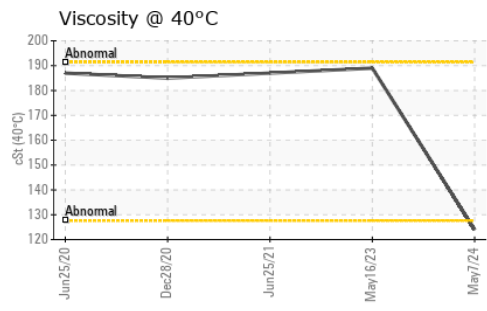
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>75	<b>26</b>	196	58
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	14	4
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	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	>0.075	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>1</b>	6	1
Boron	ppm	ASTM D5185m		<b>8</b>	53	112
Barium	ppm	ASTM D5185m		<b>1</b>	2	3
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	1	<1
Manganese	ppm	ASTM D5185m		<b>3</b>	14	4
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	6	3
Calcium	ppm	ASTM D5185m		<b>16</b>	51	94
Phosphorus	ppm	ASTM D5185m		<b>445</b>	493	480
Zinc	ppm	ASTM D5185m		<b>26</b>	35	38
Sulfur	ppm	ASTM D5185m		<b>19590</b>	17339	12317
Visc @ 40°C	cSt	ASTM D445		<b>124</b>	189	187



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0212541 **Received** : 09 May 2024  
**Lab Number** : 06174155 **Tested** : 10 May 2024  
**Unique Number** : 11020208 **Diagnosed** : 12 May 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GARNER**  
 4161 AUBURN CHURCH RD  
 GARNER, NC  
 US 27529  
 Contact: RALEIGH SHOP  
 sean.betts@jamesriverequipment.com; catherine.anastasio@wearcheck.com  
 T: (919)614-2260  
 F: (919)779-5432

Certificate L2367  
 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)