



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

Machine Id  
**JOHN DEERE 350G 1FF350GXJLF814442**  
 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>JR0209181</b>	JR0190779	JR0168227
Sample Date		Client Info		<b>17 Apr 2024</b>	05 Dec 2023	05 May 2023
Machine Age	hrs	Client Info		<b>6039</b>	5991	5991
Oil Age	hrs	Client Info		<b>1948</b>	1900	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status				<b>NORMAL</b>	ABNORMAL	SEVERE

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>34</b>	541	▲ 2421
Iron	ppm	ASTM D5185m	>750	<b>209</b>	849	<1
Chromium	ppm	ASTM D5185m	>9	<b>3</b>	7	0
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	3	0
Silver	ppm	ASTM D5185m		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>40	<b>2</b>	● 32	5
Lead	ppm	ASTM D5185m	>15	<b>1</b>	0	<1
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	2	0
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

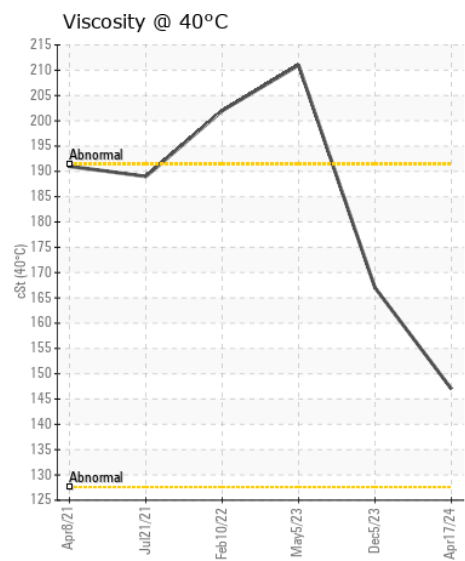
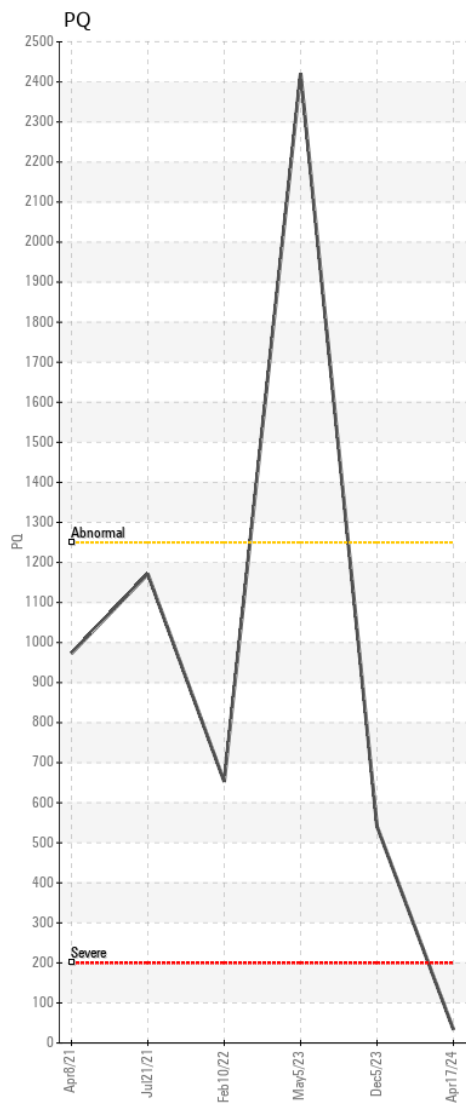
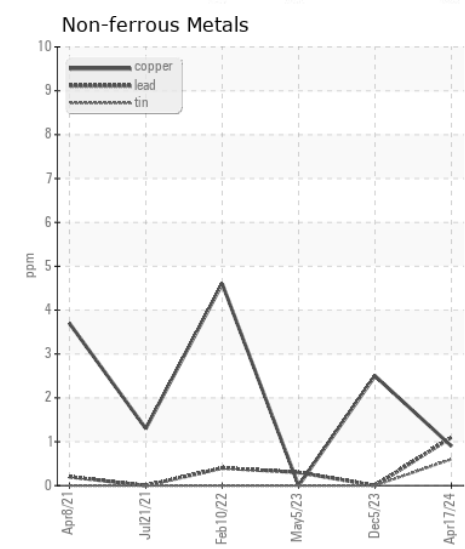
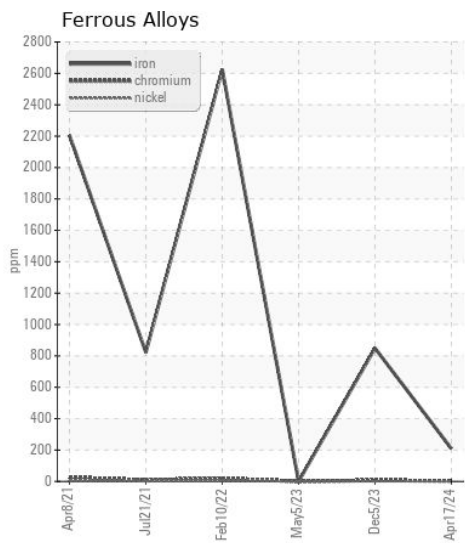
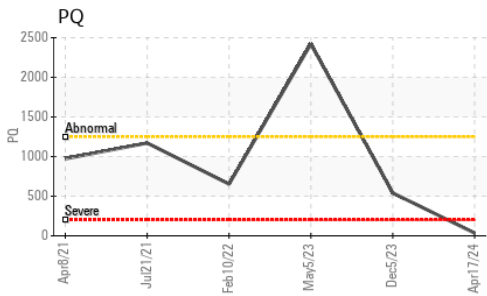
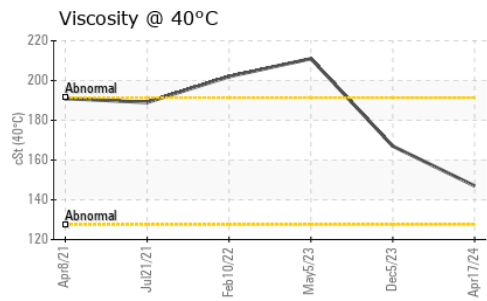
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>10</b>	▲ 149	0
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	3	22
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	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	▲ 0.2%

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>0</b>	4	4
Boron	ppm	ASTM D5185m		<b>12</b>	6	0
Barium	ppm	ASTM D5185m		<b>2</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Manganese	ppm	ASTM D5185m		<b>3</b>	8	0
Magnesium	ppm	ASTM D5185m		<b>2</b>	<1	22
Calcium	ppm	ASTM D5185m		<b>14</b>	10	284
Phosphorus	ppm	ASTM D5185m		<b>367</b>	2224	111
Zinc	ppm	ASTM D5185m		<b>6</b>	12	164
Sulfur	ppm	ASTM D5185m		<b>21389</b>	24763	623
Visc @ 40°C	cSt	ASTM D445		<b>147</b>	167	211



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0209181 **Received** : 18 Apr 2024  
**Lab Number** : 06153427 **Tested** : 19 Apr 2024  
**Unique Number** : 10983505 **Diagnosed** : 22 Apr 2024 - Angela Borella  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GARNER**  
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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)