



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

Machine Id  
**JOHN DEERE 350G 1FF350GXCLF814824**

Component  
**Left Final Drive**

Fluid  
**JOHN DEERE GL-5 80W90 (--- GAL)**

### RECOMMENDATION

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0209282</b>	JR0197479	JR0172039
Sample Date		Client Info		<b>14 Apr 2024</b>	06 Dec 2023	02 Jun 2023
Machine Age	hrs	Client Info		<b>5016</b>	5016	4785
Oil Age	hrs	Client Info		<b>5016</b>	5016	4785
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>Not Changd</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	NORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>61</b>	52	43
Iron	ppm	ASTM D5185m	>750	<b>1490</b>	1367	▲ 1222
Chromium	ppm	ASTM D5185m	>9	<b>11</b>	10	9
Nickel	ppm	ASTM D5185m	>10	<b>1</b>	1	1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	1	1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>● 18</b>	14	15
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m	>40	<b>3</b>	4	3
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>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

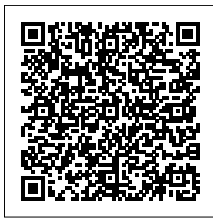
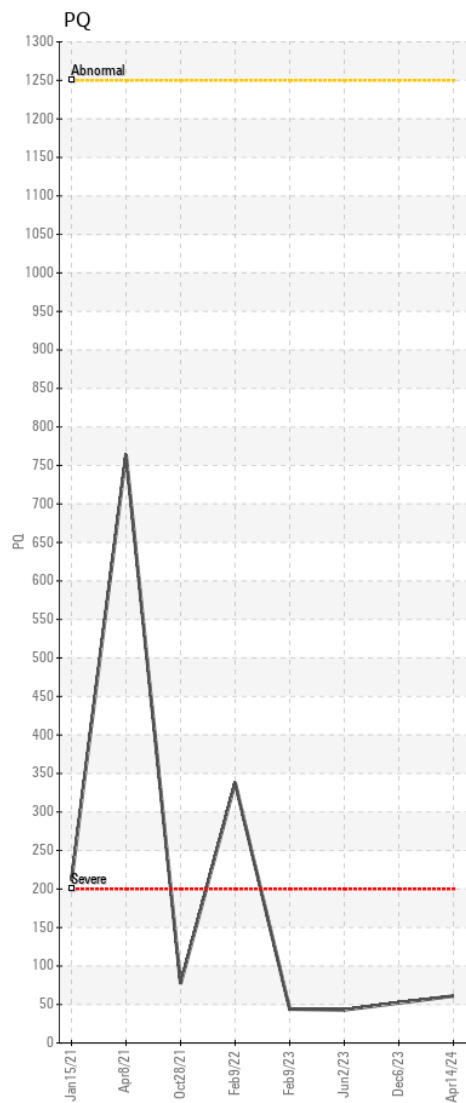
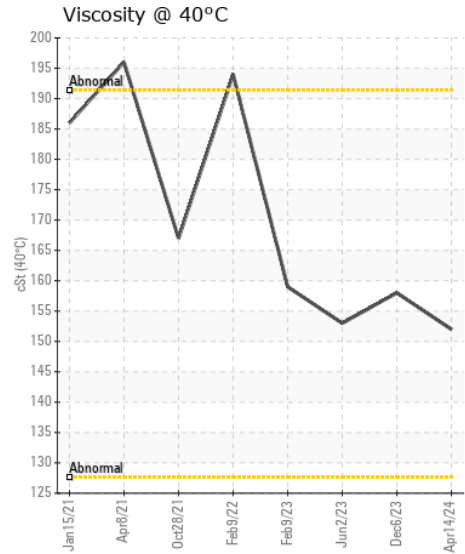
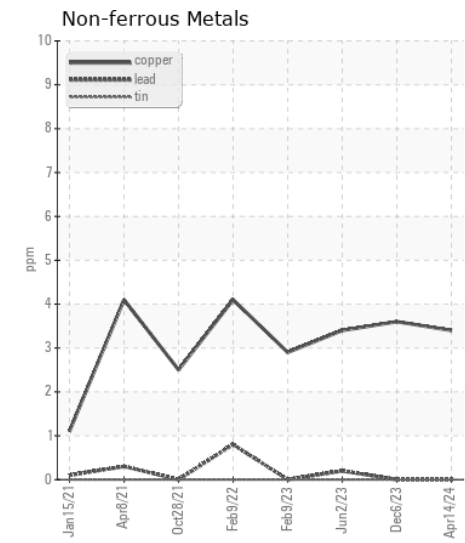
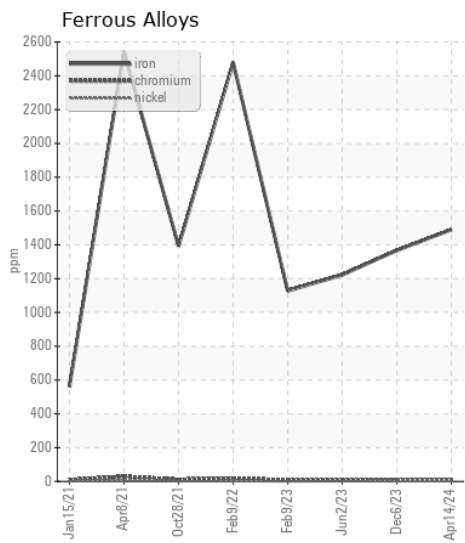
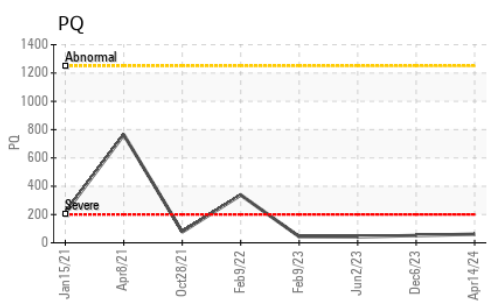
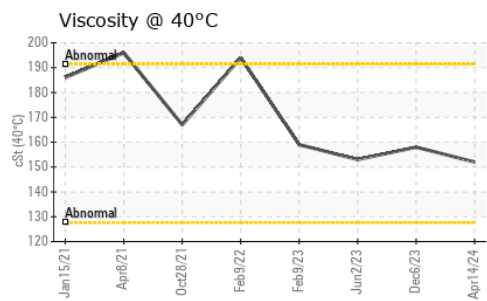
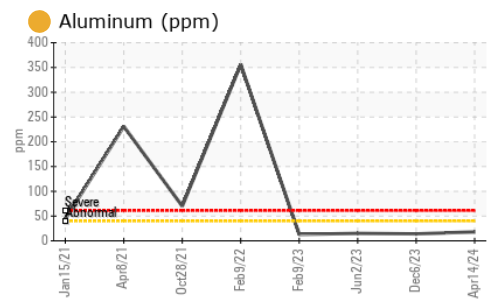
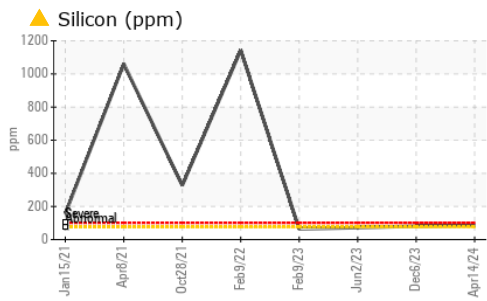
Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Silicon	ppm	ASTM D5185m	>75	<b>▲ 86</b>	81	72
Potassium	ppm	ASTM D5185m	>20	<b>8</b>	4	8
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	NEG

### FLUID CONDITION

The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>51	<b>47</b>	45	43
Boron	ppm	ASTM D5185m		<b>11</b>	4	5
Barium	ppm	ASTM D5185m		<b>0</b>	<1	0
Molybdenum	ppm	ASTM D5185m		<b>6</b>	<1	1
Manganese	ppm	ASTM D5185m		<b>9</b>	9	8
Magnesium	ppm	ASTM D5185m		<b>22</b>	1	3
Calcium	ppm	ASTM D5185m		<b>41</b>	29	15
Phosphorus	ppm	ASTM D5185m		<b>1736</b>	1405	1544
Zinc	ppm	ASTM D5185m		<b>41</b>	32	27
Sulfur	ppm	ASTM D5185m		<b>24421</b>	25367	26595
Visc @ 40°C	cSt	ASTM D445		<b>152</b>	158	153



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0209282 **Received** : 17 Apr 2024  
**Lab Number** : 06152253 **Tested** : 18 Apr 2024  
**Unique Number** : 10982331 **Diagnosed** : 22 Apr 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GARNER**  
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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)