



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

Machine Id  
**JOHN DEERE 350G 1FF350GXKHF811885**

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>JR0204378</b>	JR0178311	JR0154352
Sample Date		Client Info		<b>28 Feb 2024</b>	31 Aug 2023	08 Dec 2022
Machine Age	hrs	Client Info		<b>6482</b>	6108	5469
Oil Age	hrs	Client Info		<b>374</b>	5712	396
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>	SEVERE	ABNORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>10</b>	130	7
Iron	ppm	ASTM D5185m	>750	<b>0</b>	1034	687
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	5	4
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	3	2
Titanium	ppm	ASTM D5185m		<b>0</b>	5	2
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>0</b>	110	24
Lead	ppm	ASTM D5185m	>15	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	2	2
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

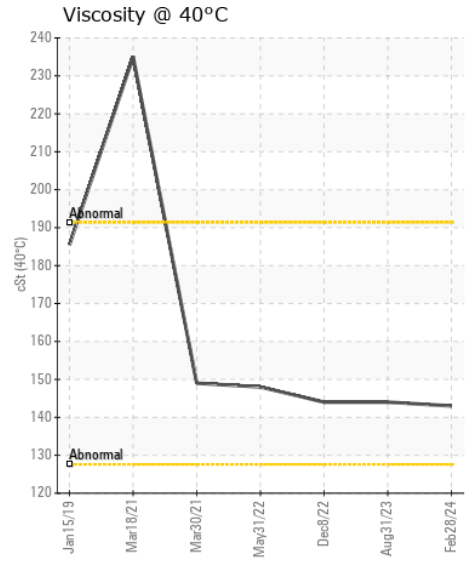
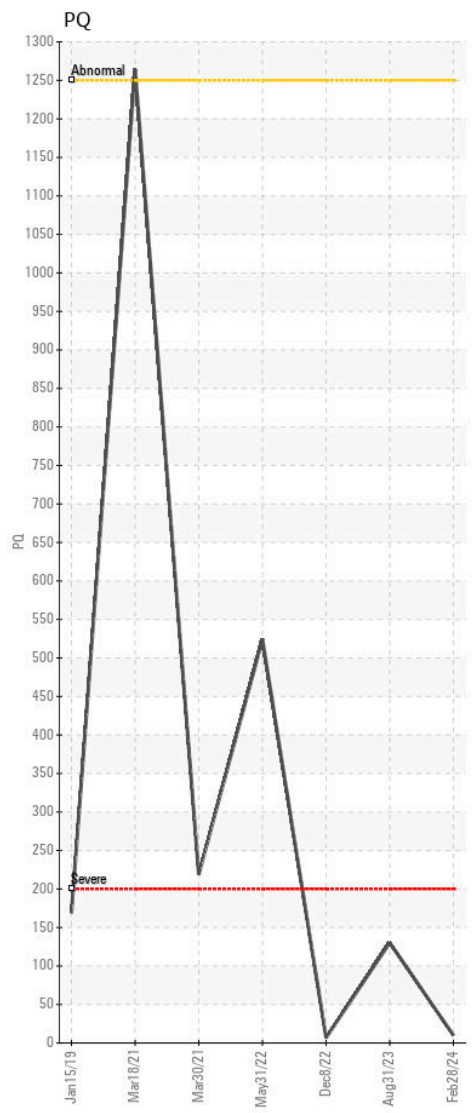
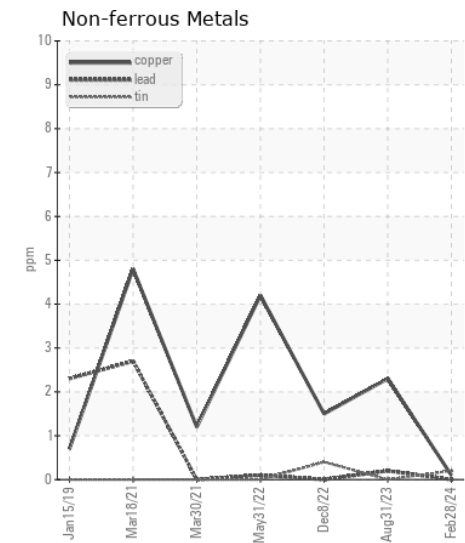
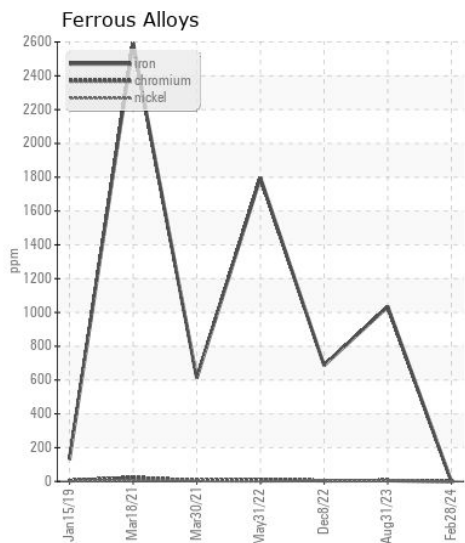
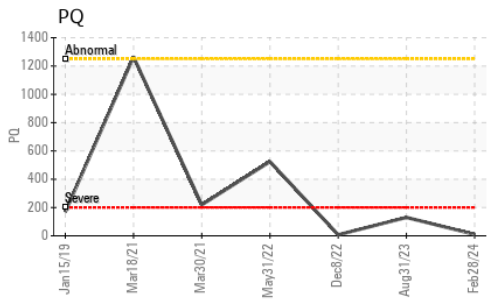
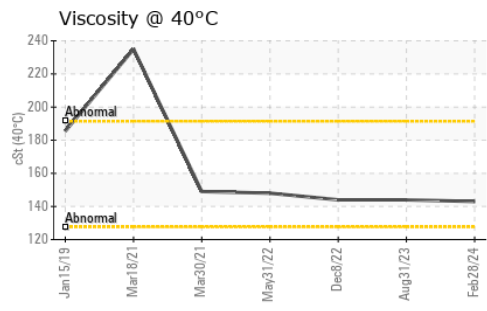
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>1</b>	431	135
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	6	<1
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 acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<b>0</b>	16	<1
Boron	ppm	ASTM D5185m		<b>0</b>	119	125
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	9	5
Magnesium	ppm	ASTM D5185m		<b>3</b>	26	4
Calcium	ppm	ASTM D5185m		<b>19</b>	80	11
Phosphorus	ppm	ASTM D5185m		<b>288</b>	843	864
Zinc	ppm	ASTM D5185m		<b>0</b>	12	4
Sulfur	ppm	ASTM D5185m		<b>17075</b>	26522	25056
Visc @ 40°C	cSt	ASTM D445		<b>143</b>	144	144



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0204378 **Received** : 01 Mar 2024  
**Lab Number** : 06106404 **Tested** : 03 Mar 2024  
**Unique Number** : 10909901 **Diagnosed** : 05 Mar 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: PQ )

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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)