



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



Machine Id  
**JOHN DEERE 350GLC 1FF350GXALF814428**  
Component  
**Swing Drive Gear Case**  
Fluid  
**JOHN DEERE GL-5 80W90 (13 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0208563</b>	JR0211000	JR0125957
Sample Date		Client Info		<b>11 Jul 2024</b>	08 Apr 2024	30 Aug 2023
Machine Age	hrs	Client Info		<b>4985</b>	4474	3876
Oil Age	hrs	Client Info		<b>4387</b>	598	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Filter Changed		Client Info		<b>None</b>	Not Changd	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>22</b>	33	30
Iron	ppm	ASTM D5185m	>200	<b>142</b>	95	135
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	2	2
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m		<b>2</b>	1	0
Lead	ppm	ASTM D5185m		<b>0</b>	1	0
Copper	ppm	ASTM D5185m		<b>&lt;1</b>	1	<1
Tin	ppm	ASTM D5185m		<b>0</b>	1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

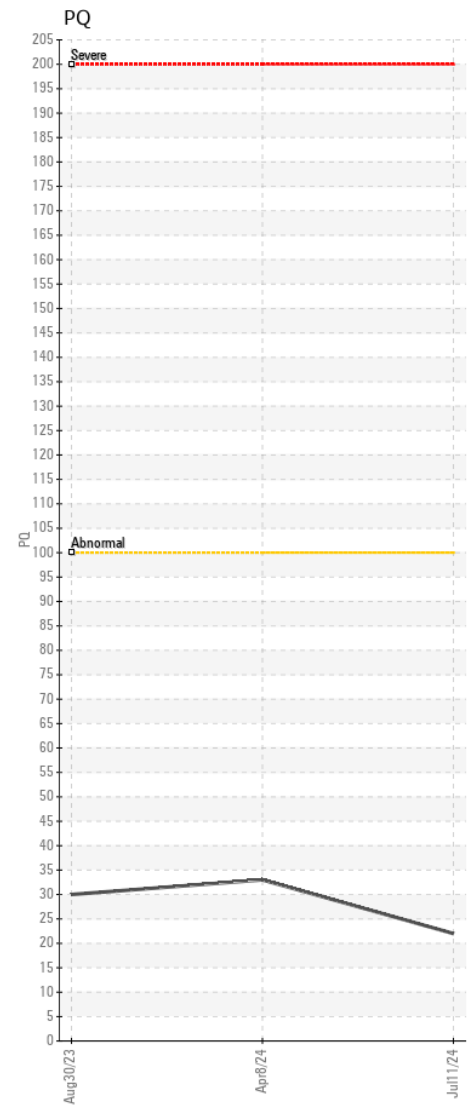
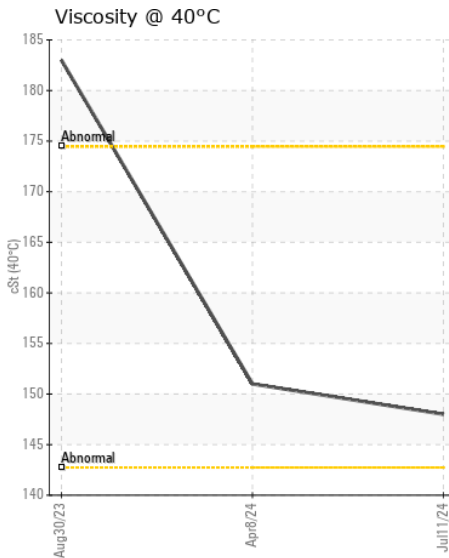
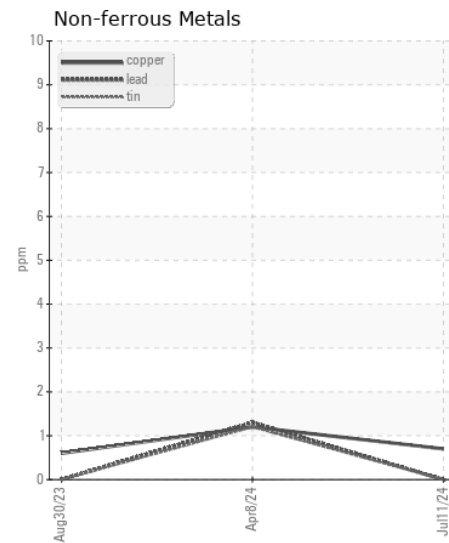
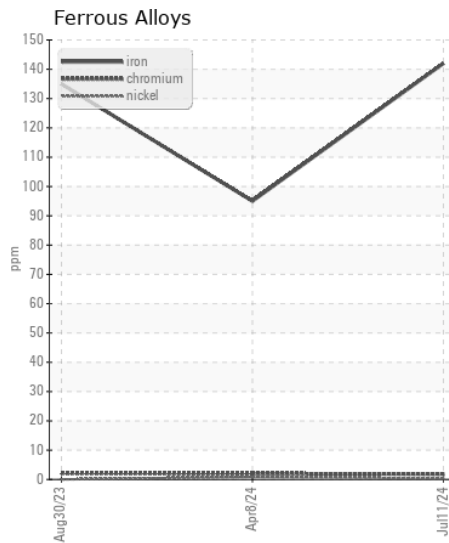
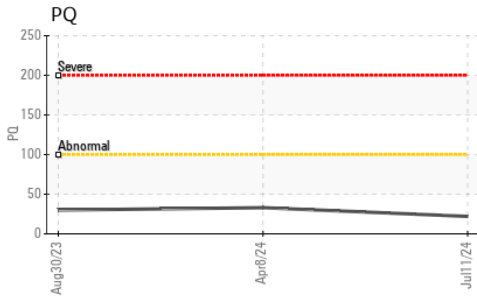
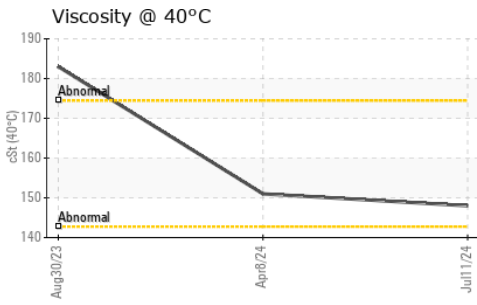
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m		<b>9</b>	8	18
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	4	1
Water		WC Method	>0.2	<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	>0.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		<b>0</b>	0	0
Boron	ppm	ASTM D5185m		<b>17</b>	26	25
Barium	ppm	ASTM D5185m		<b>0</b>	4	4
Molybdenum	ppm	ASTM D5185m		<b>2</b>	1	0
Manganese	ppm	ASTM D5185m		<b>2</b>	2	3
Magnesium	ppm	ASTM D5185m		<b>15</b>	1	1
Calcium	ppm	ASTM D5185m		<b>41</b>	15	8
Phosphorus	ppm	ASTM D5185m		<b>397</b>	441	504
Zinc	ppm	ASTM D5185m		<b>34</b>	8	12
Sulfur	ppm	ASTM D5185m		<b>17803</b>	22765	16304
Visc @ 40°C	cSt	ASTM D445		<b>148</b>	151	183



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0208563 **Received** : 15 Jul 2024  
**Lab Number** : 06236417 **Tested** : 16 Jul 2024  
**Unique Number** : 11125251 **Diagnosed** : 17 Jul 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
 9107 OWENS DRIVE  
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 US 20111

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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)