



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

Area

**[05W47662]**

Machine Id

**JOHN DEERE 350G 1FF350GXCNF815479**

Component

**Right Final Drive**

Fluid

**JOHN DEERE GL-5 80W90 (11 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0225561</b>	JR0211073	JR0174903
Sample Date		Client Info		<b>26 Jun 2024</b>	01 Apr 2024	07 Jun 2023
Machine Age	hrs	Client Info		<b>2512</b>	1975	1466
Oil Age	hrs	Client Info		<b>537</b>	1975	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Chngd</b>	Changed	Not Chngd
Filter Changed		Client Info		<b>N/A</b>	None	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>122</b>	408	298
Iron	ppm	ASTM D5185m	>750	<b>163</b>	531	378
Chromium	ppm	ASTM D5185m	>9	<b>3</b>	8	6
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>40	<b>3</b>	6	0
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	<1	0
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

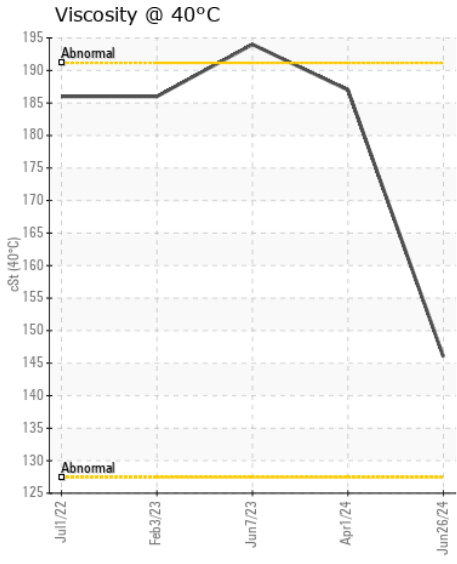
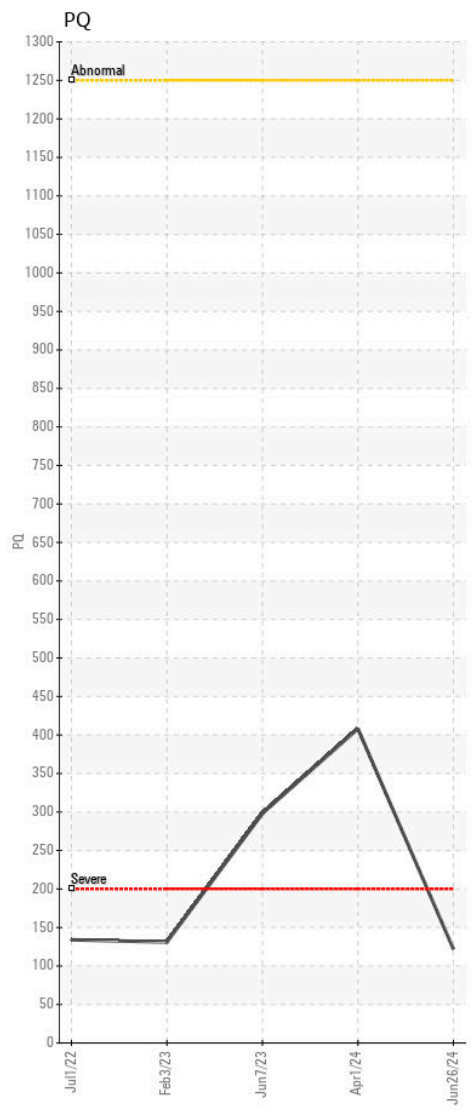
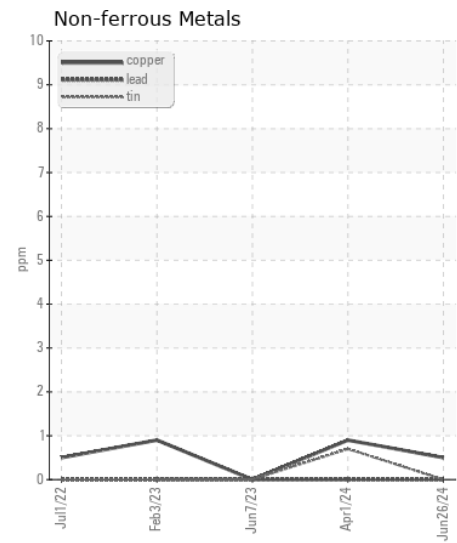
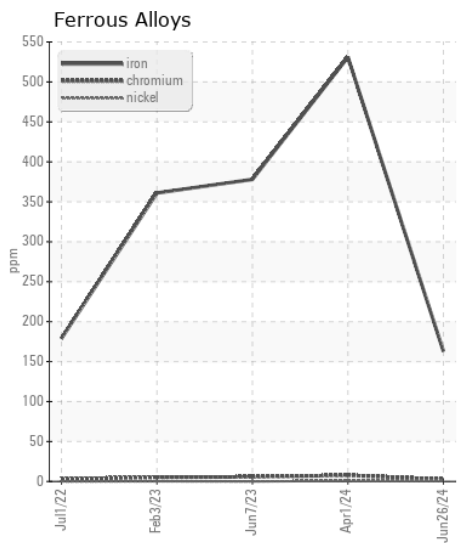
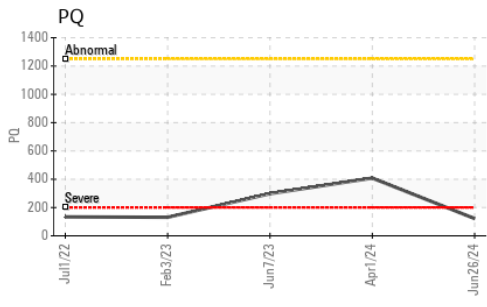
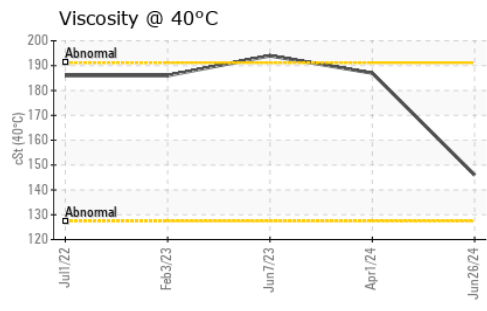
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>9</b>	51	18
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	2	<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	▲ MODER
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>&lt;1</b>	2	<1
Boron	ppm	ASTM D5185m		<b>19</b>	77	87
Barium	ppm	ASTM D5185m		<b>5</b>	2	1
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>3</b>	9	6
Magnesium	ppm	ASTM D5185m		<b>3</b>	<1	<1
Calcium	ppm	ASTM D5185m		<b>11</b>	37	29
Phosphorus	ppm	ASTM D5185m		<b>546</b>	490	492
Zinc	ppm	ASTM D5185m		<b>25</b>	21	17
Sulfur	ppm	ASTM D5185m		<b>20689</b>	17911	17971
Visc @ 40°C	cSt	ASTM D445		<b>146</b>	187	194



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0225561 **Received** : 27 Jun 2024  
**Lab Number** : 06222516 **Tested** : 28 Jun 2024  
**Unique Number** : 11100713 **Diagnosed** : 28 Jun 2024 - Angela Borella  
**Test Package** : CONST ( Additional Tests: PQ )

**B & S SITE DEVELOPMENT**  
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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)