



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

Machine Id  
**JOHN DEERE 250G 1FF250GXCLF611628**  
 Component  
**Swing Drive**  
 Fluid  
**JOHN DEERE GL-5 80W90 (8 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0218602</b>	JR0211052	JR0208114
Sample Date		Client Info		<b>21 Jun 2024</b>	17 Apr 2024	08 Mar 2024
Machine Age	hrs	Client Info		<b>8093</b>	7808	7575
Oil Age	hrs	Client Info		<b>7345</b>	7293	7333
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>None</b>	None	None
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>31</b>	31	39
Iron	ppm	ASTM D5185m	>151	<b>97</b>	149	97
Chromium	ppm	ASTM D5185m	>11	<b>1</b>	2	<1
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>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>21	<b>2</b>	2	0
Lead	ppm	ASTM D5185m	>51	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m	>51	<b>1</b>	<1	0
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

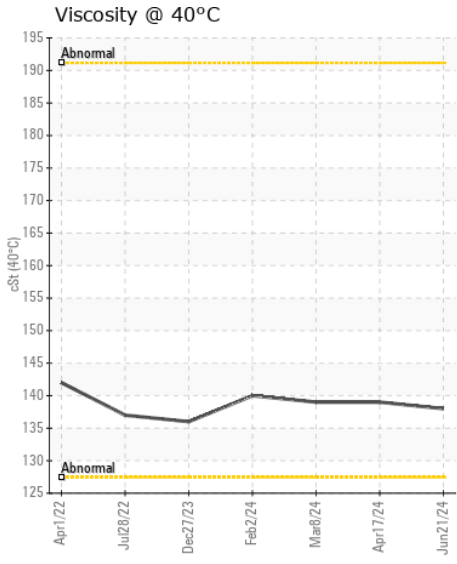
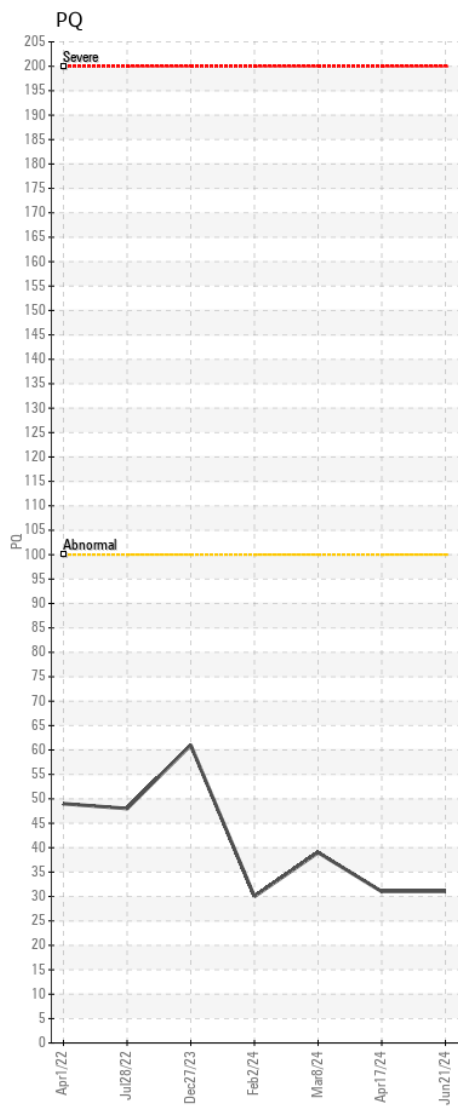
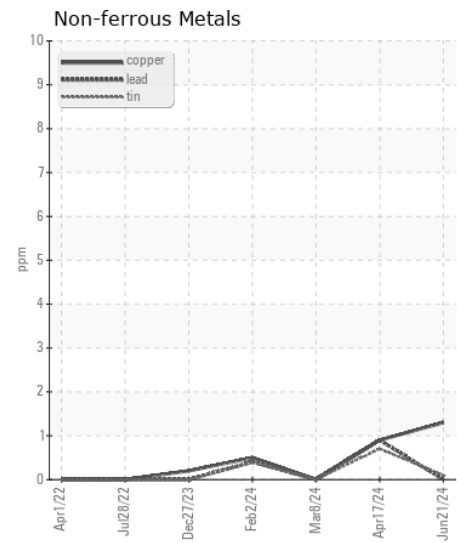
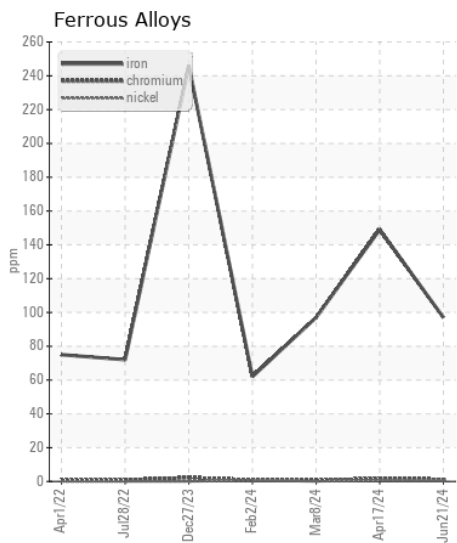
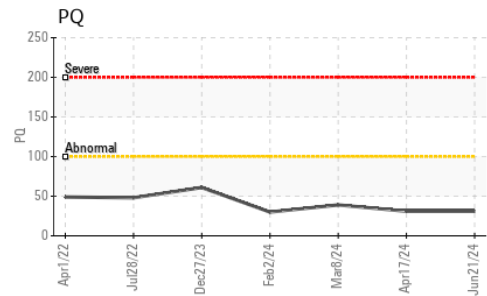
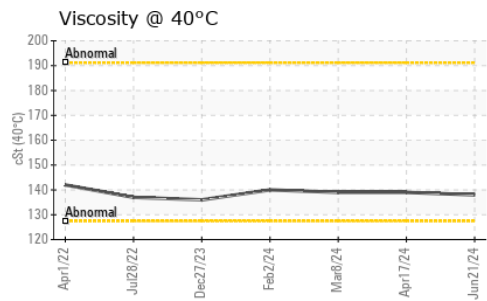
There is no indication of any contamination in the sample.

Silicon	ppm	ASTM D5185m	>31	<b>5</b>	9	5
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	4	0
Water		WC Method	>0.1	<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	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>1</b>	0	<1
Boron	ppm	ASTM D5185m		<b>2</b>	1	<1
Barium	ppm	ASTM D5185m		<b>0</b>	1	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	1	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	2	<1
Magnesium	ppm	ASTM D5185m		<b>7</b>	4	<1
Calcium	ppm	ASTM D5185m		<b>98</b>	43	20
Phosphorus	ppm	ASTM D5185m		<b>368</b>	543	315
Zinc	ppm	ASTM D5185m		<b>37</b>	20	9
Sulfur	ppm	ASTM D5185m		<b>18200</b>	33006	19703
Visc @ 40°C	cSt	ASTM D445		<b>138</b>	139	139



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0218602 **Received** : 25 Jun 2024  
**Lab Number** : 06220027 **Tested** : 26 Jun 2024  
**Unique Number** : 11098224 **Diagnosed** : 26 Jun 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
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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)