



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

Machine Id  
**3009154 (S/N 530611)**  
 Component  
**Swing Drive**  
 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>JR0208948</b>	JR0201268	---
Sample Date		Client Info		<b>19 Apr 2024</b>	26 Feb 2024	---
Machine Age	hrs	Client Info		<b>995</b>	597	---
Oil Age	hrs	Client Info		<b>995</b>	597	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>81</b>	59	---
Iron	ppm	ASTM D5185m	>400	<b>104</b>	90	---
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	1	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	0	---
Lead	ppm	ASTM D5185m	>50	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>200	<b>2</b>	0	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

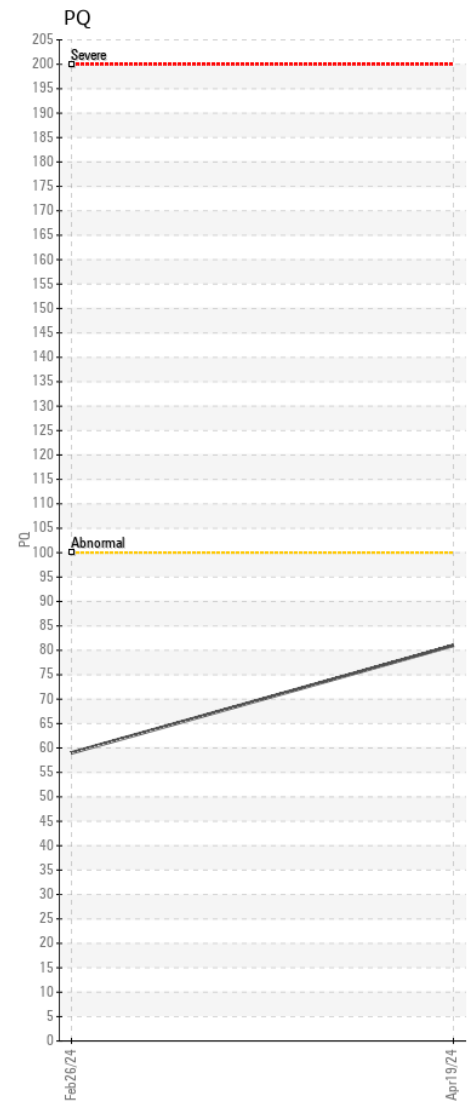
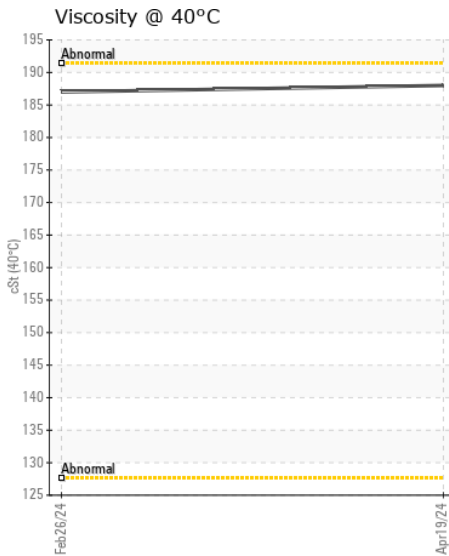
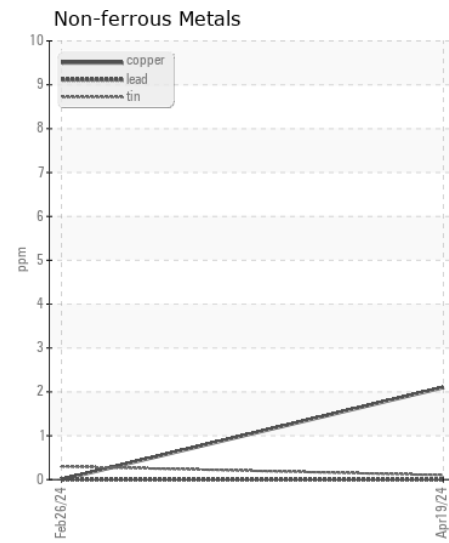
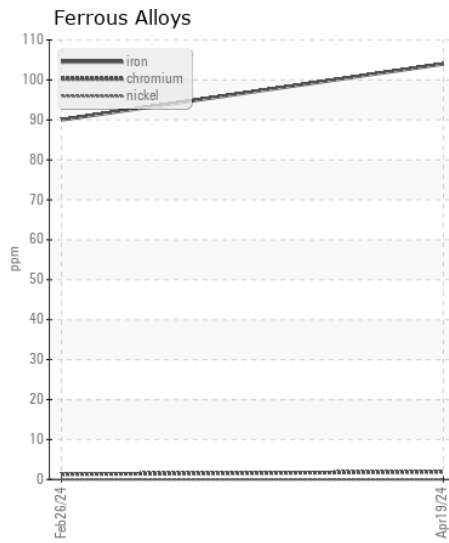
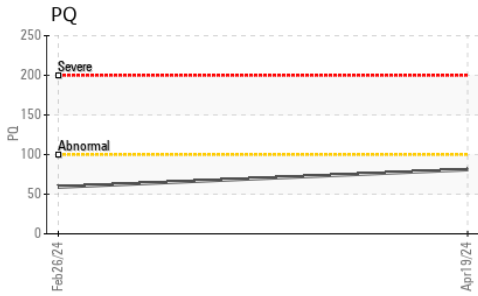
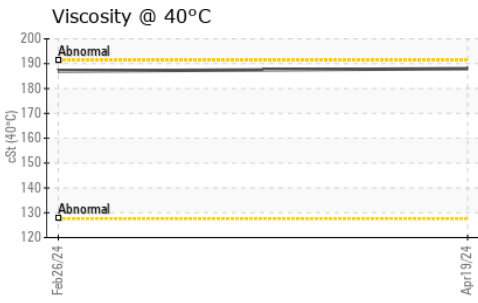
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	<b>16</b>	14	---
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	<1	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>3</b>	1	---
Boron	ppm	ASTM D5185m		<b>85</b>	70	---
Barium	ppm	ASTM D5185m		<b>10</b>	8	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>4</b>	2	---
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Calcium	ppm	ASTM D5185m		<b>24</b>	17	---
Phosphorus	ppm	ASTM D5185m		<b>536</b>	509	---
Zinc	ppm	ASTM D5185m		<b>7</b>	3	---
Sulfur	ppm	ASTM D5185m		<b>18496</b>	15455	---
Visc @ 40°C	cSt	ASTM D445		<b>188</b>	187	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : JR0208948

**Lab Number** : 06156264

**Unique Number** : 10991687

**Test Package** : CONST ( Additional Tests: PQ )

**Received** : 22 Apr 2024

**Tested** : 23 Apr 2024

**Diagnosed** : 24 Apr 2024 - Sean Felton

**JRE - NEW BERN**

3816 MARTIN LUTHER KING BLVD

NEW BERN, NC

US 28562

Contact: Dylan Sanderson

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T:

F:

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)