



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

Machine Id  
**JOHN DEERE 135G 1FF135GXPMF503176**  
 Component  
**Right 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>JR0209350</b>	JR0183336	---
Sample Date		Client Info		<b>14 Apr 2024</b>	06 Oct 2023	---
Machine Age	hrs	Client Info		<b>1550</b>	1032	---
Oil Age	hrs	Client Info		<b>1550</b>	1032	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	---
Filter Changed		Client Info		<b>Not Changed</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>63</b>	46	---
Iron	ppm	ASTM D5185m	>750	<b>90</b>	77	---
Chromium	ppm	ASTM D5185m	>9	<b>1</b>	2	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>40	<b>&lt;1</b>	1	---
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
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

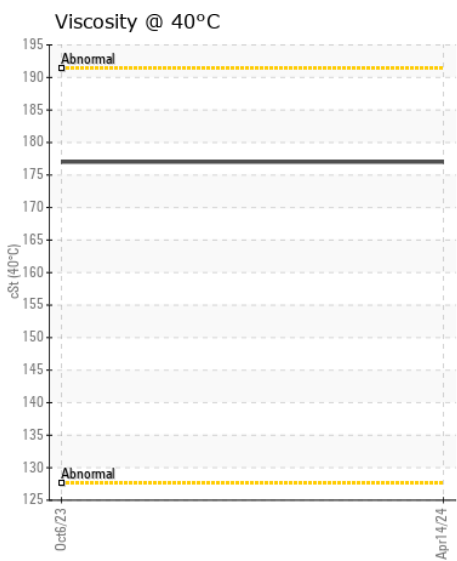
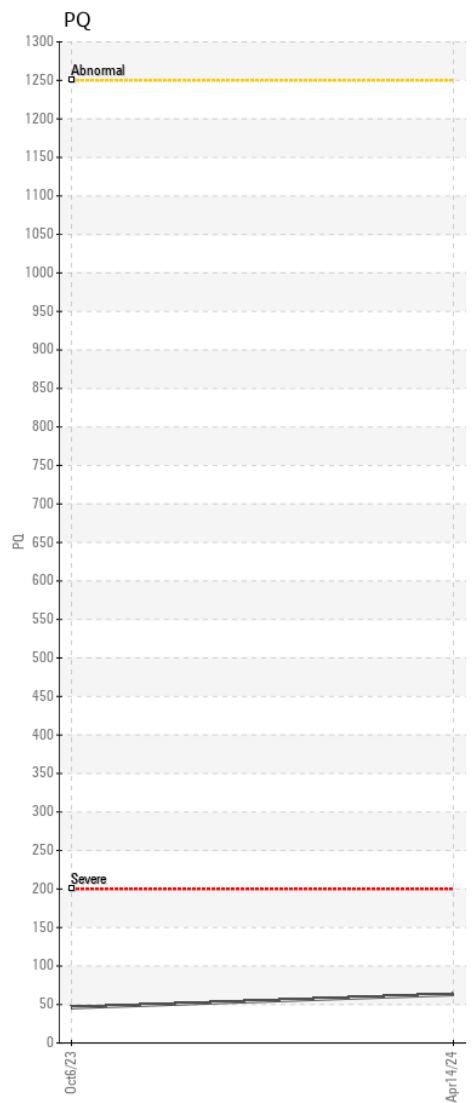
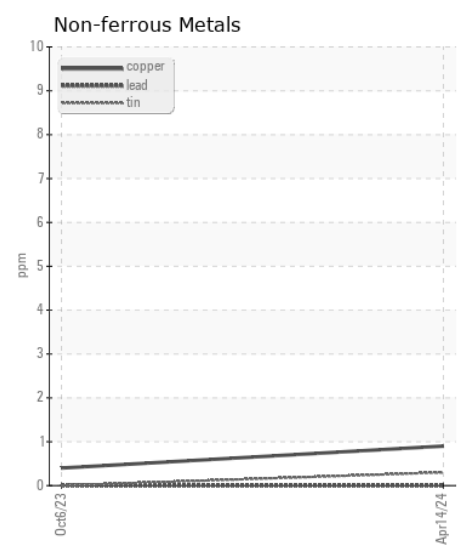
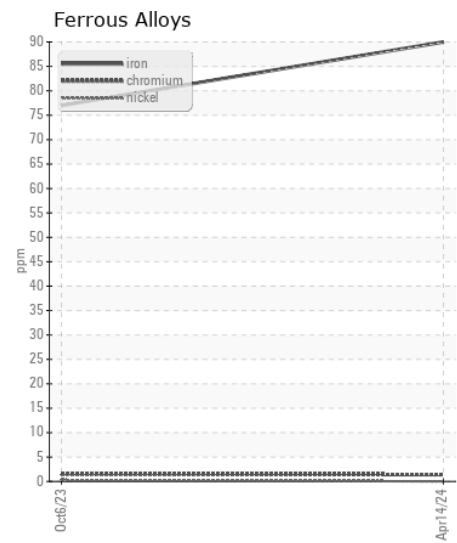
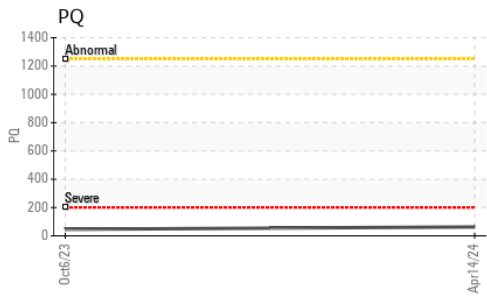
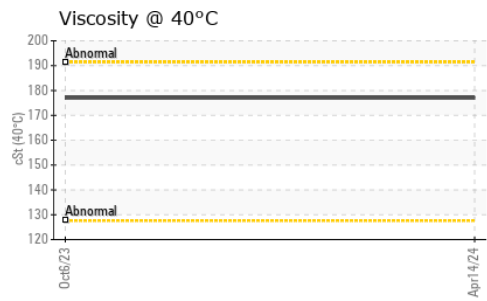
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>19</b>	18	---
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	4	---
Water		WC Method	>0.075	<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	>0.075	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>2</b>	0	---
Boron	ppm	ASTM D5185m		<b>44</b>	43	---
Barium	ppm	ASTM D5185m		<b>5</b>	8	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>2</b>	2	---
Magnesium	ppm	ASTM D5185m		<b>1</b>	2	---
Calcium	ppm	ASTM D5185m		<b>14</b>	13	---
Phosphorus	ppm	ASTM D5185m		<b>497</b>	452	---
Zinc	ppm	ASTM D5185m		<b>31</b>	39	---
Sulfur	ppm	ASTM D5185m		<b>18444</b>	16724	---
Visc @ 40°C	cSt	ASTM D445		<b>177</b>	177	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0209350 **Received** : 17 Apr 2024  
**Lab Number** : 06152241 **Tested** : 18 Apr 2024  
**Unique Number** : 10982319 **Diagnosed** : 22 Apr 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GARNER**  
 4161 AUBURN CHURCH RD  
 GARNER, NC  
 US 27529

Contact: RALEIGH SHOP  
 sean.betts@jamesriverequipment.com; catherine.anastasio@wearcheck.com  
 T: (919)614-2260  
 F: (919)779-5432

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)