



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

Machine Id  
**JOHN DEERE 350G 1FF350GXLMF815193**

Component  
**Right Final Drive**

Fluid  
**JOHN DEERE GL-5 80W90 (--- GAL)**

### RECOMMENDATION

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

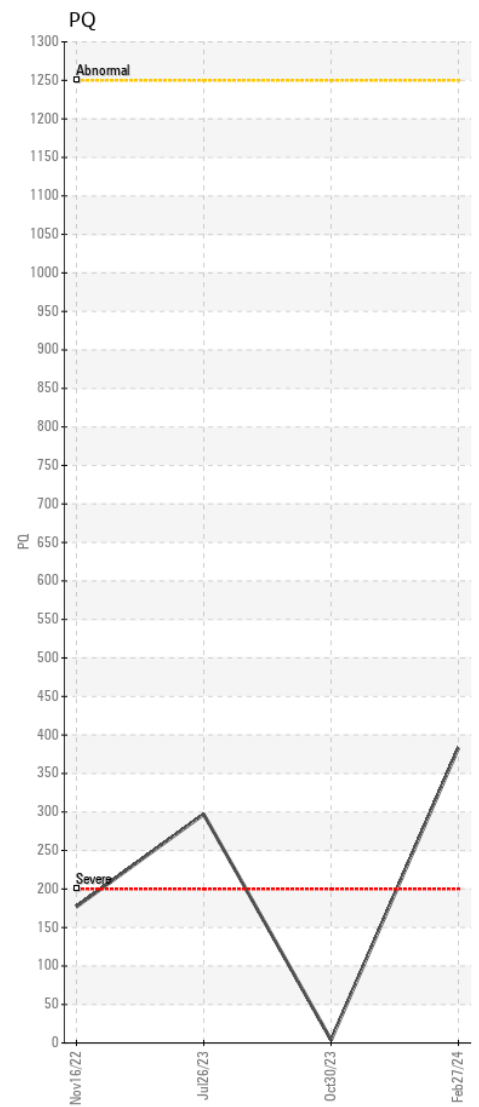
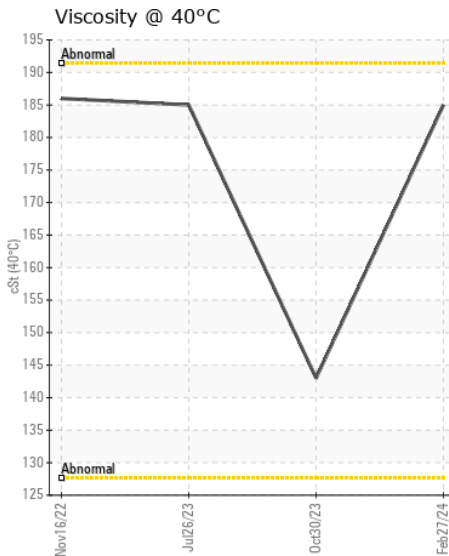
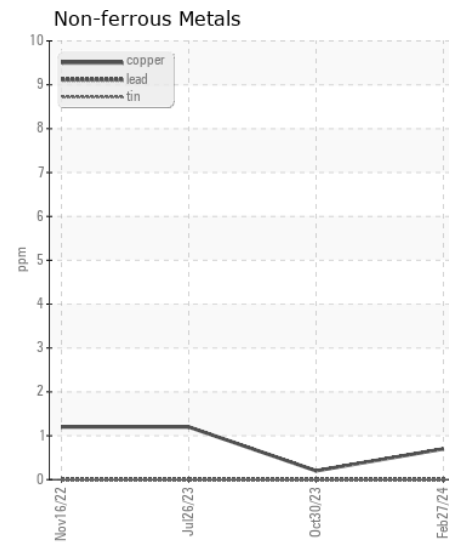
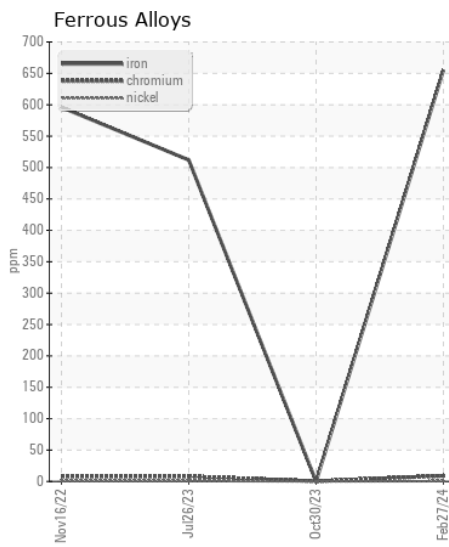
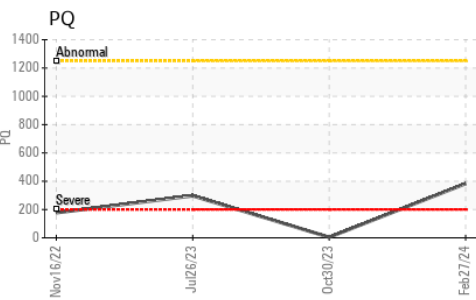
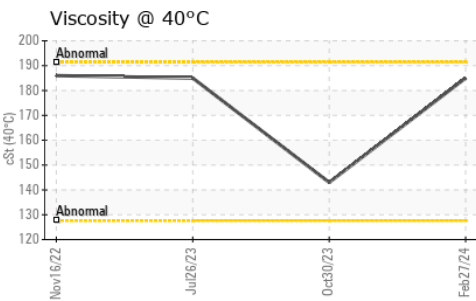
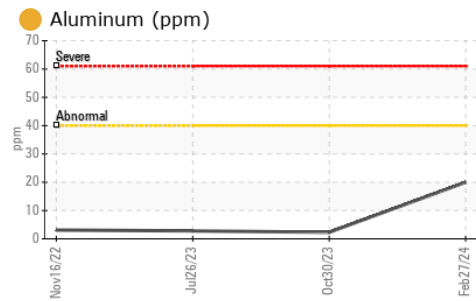
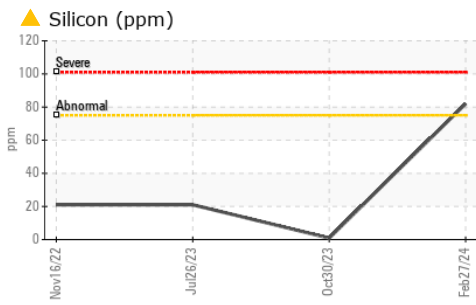
### CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0202260</b>	JR0190851	JR0181523
Sample Date		Client Info		<b>27 Feb 2024</b>	30 Oct 2023	26 Jul 2023
Machine Age	hrs	Client Info		<b>3002</b>	2554	2008
Oil Age	hrs	Client Info		<b>2456</b>	546	2008
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Changed
Filter Changed		Client Info		<b>N/A</b>	None	N/A
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
PQ		ASTM D8184	>1250	<b>383</b>	4	297
Iron	ppm	ASTM D5185m	>750	<b>655</b>	<1	512
Chromium	ppm	ASTM D5185m	>9	<b>9</b>	<1	8
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>20</b>	2	3
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	<1	1
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	<b>82</b>	<1	21
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	1	2
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>LIGHT</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	>0.075	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	<b>4</b>	<1	1
Boron	ppm	ASTM D5185m		<b>43</b>	0	64
Barium	ppm	ASTM D5185m		<b>2</b>	<1	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>10</b>	0	9
Magnesium	ppm	ASTM D5185m		<b>2</b>	2	3
Calcium	ppm	ASTM D5185m		<b>78</b>	5	50
Phosphorus	ppm	ASTM D5185m		<b>479</b>	323	518
Zinc	ppm	ASTM D5185m		<b>38</b>	0	35
Sulfur	ppm	ASTM D5185m		<b>14056</b>	22972	17883
Visc @ 40°C	cSt	ASTM D445		<b>185</b>	143	185



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0202260 **Received** : 29 Feb 2024  
**Lab Number** : 06104588 **Tested** : 01 Mar 2024  
**Unique Number** : 10902818 **Diagnosed** : 04 Mar 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)