



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



Machine Id  
**JOHN DEERE 350GLC 1FF350GXKLF814441**  
Component  
**Swing Drive**  
Fluid  
**JOHN DEERE GL-5 80W90 (3 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0193970</b>	JR0186638	JR0176556
Sample Date		Client Info		<b>08 Jan 2024</b>	10 Oct 2023	21 Jul 2023
Machine Age	hrs	Client Info		<b>3001</b>	2579	1533
Oil Age	hrs	Client Info		<b>1955</b>	1046	1095
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Chngd	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>23</b>	26	20
Iron	ppm	ASTM D5185m	>151	<b>79</b>	61	247
Chromium	ppm	ASTM D5185m	>11	<b>&lt;1</b>	<1	3
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>21	<b>0</b>	0	<1
Lead	ppm	ASTM D5185m	>51	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>51	<b>0</b>	0	<1
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	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 oil.

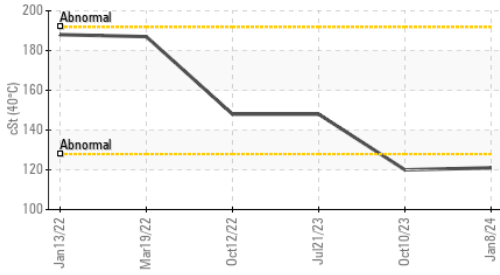
Silicon	ppm	ASTM D5185m	>31	<b>6</b>	5	11
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	6
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	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

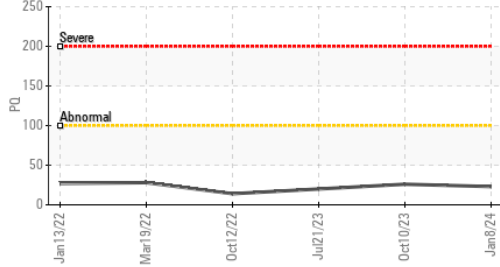
The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>51	<b>1</b>	0	<1
Boron	ppm	ASTM D5185m		<b>8</b>	6	8
Barium	ppm	ASTM D5185m		<b>0</b>	0	2
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>1</b>	<1	3
Magnesium	ppm	ASTM D5185m		<b>2</b>	3	3
Calcium	ppm	ASTM D5185m		<b>28</b>	22	17
Phosphorus	ppm	ASTM D5185m		<b>448</b>	444	376
Zinc	ppm	ASTM D5185m		<b>14</b>	17	13
Sulfur	ppm	ASTM D5185m		<b>16825</b>	16653	21940
Visc @ 40°C	cSt	ASTM D445		<b>121</b>	120	148

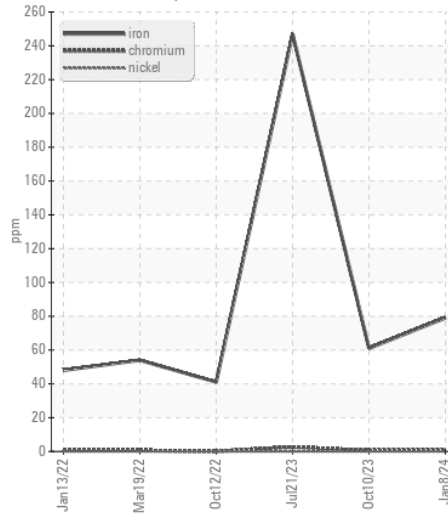
Viscosity @ 40°C



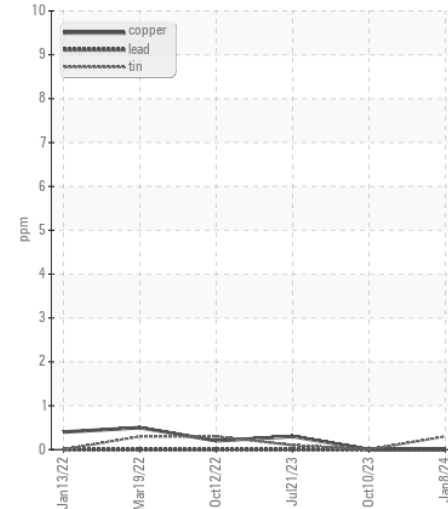
PQ



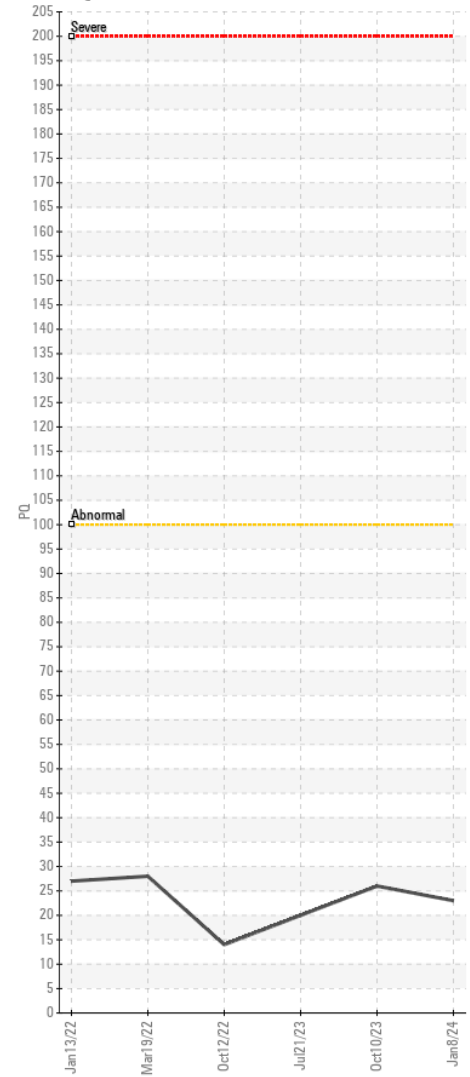
Ferrous Alloys



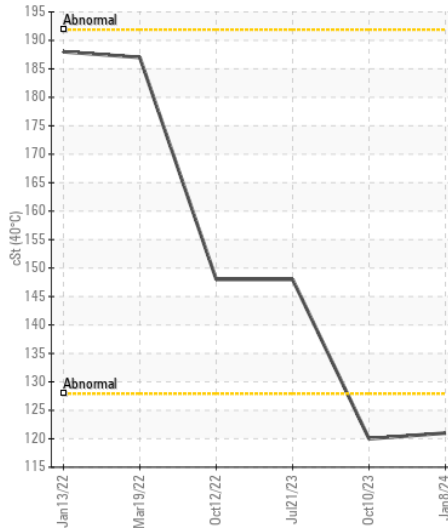
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0193970 **Received** : 09 Jan 2024  
**Lab Number** : 06055564 **Diagnosed** : 10 Jan 2024  
**Unique Number** : 10821513 **Diagnostician** : Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

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)

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