



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



Area  
**[16W15804]**  
 Machine Id  
**JOHN DEERE 350GLC 1FF350GXHBE808054**  
 Component  
**Right Final Drive**  
 Fluid  
**JOHN DEERE GL-5 80W90 (11 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: 16W15804 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0206952</b>	JR0160977	JR0153816
Sample Date		Client Info		<b>18 Mar 2024</b>	02 Mar 2023	20 Jan 2023
Machine Age	hrs	Client Info		<b>4597</b>	3946	3809
Oil Age	hrs	Client Info		<b>793</b>	0	473
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>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>140</b>	99	66
Iron	ppm	ASTM D5185m	>750	<b>195</b>	148	88
Chromium	ppm	ASTM D5185m	>9	<b>2</b>	1	<1
Nickel	ppm	ASTM D5185m	>10	<b>2</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>6</b>	4	2
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>40	<b>1</b>	<1	<1
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

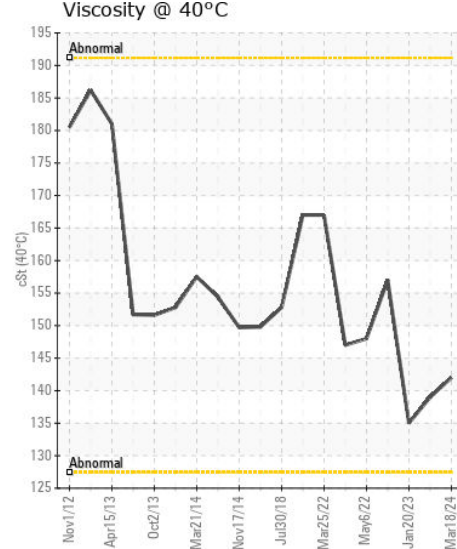
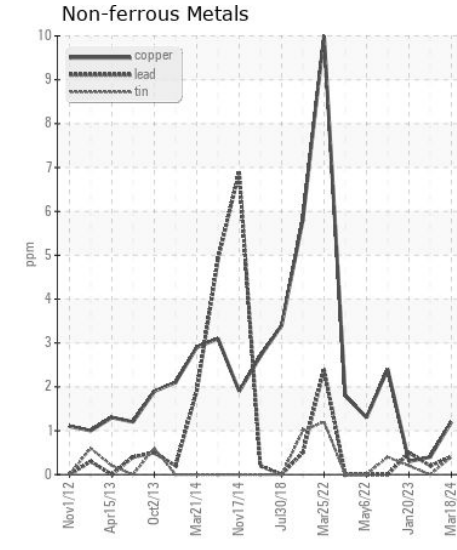
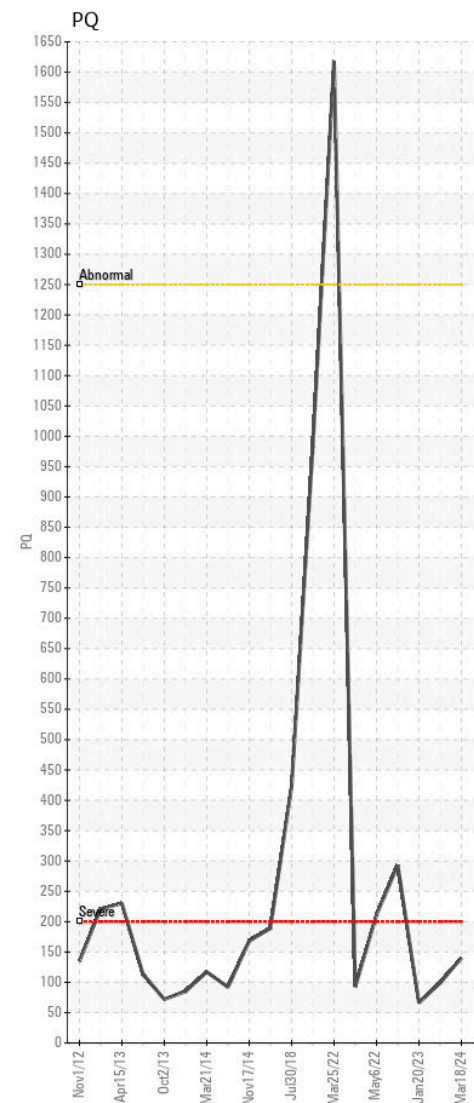
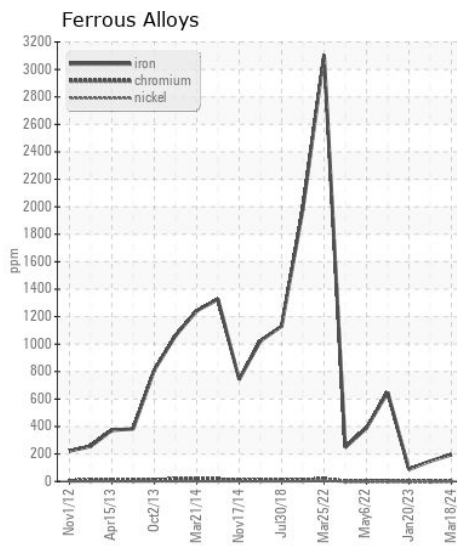
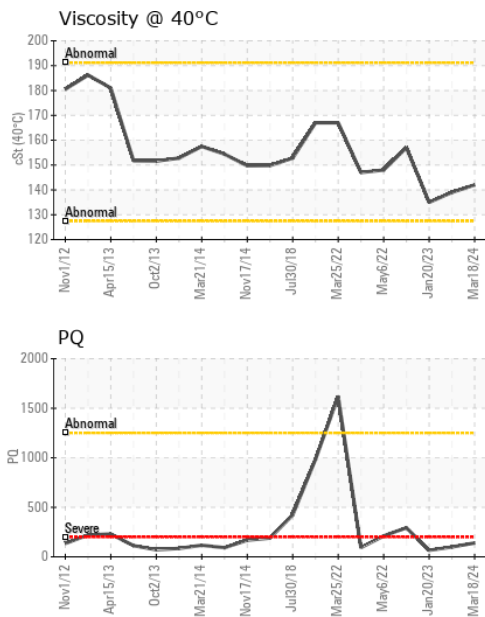
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>48</b>	23	15
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	2	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>	HAZY	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	<b>NEG</b>	0.2%	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>37</b>	2	<1
Boron	ppm	ASTM D5185m		<b>4</b>	6	4
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	2	<1
Manganese	ppm	ASTM D5185m		<b>2</b>	2	<1
Magnesium	ppm	ASTM D5185m		<b>3</b>	23	3
Calcium	ppm	ASTM D5185m		<b>67</b>	122	27
Phosphorus	ppm	ASTM D5185m		<b>224</b>	290	306
Zinc	ppm	ASTM D5185m		<b>7</b>	18	4
Sulfur	ppm	ASTM D5185m		<b>19099</b>	21023	18103
Visc @ 40°C	cSt	ASTM D445		<b>142</b>	139	135



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0206952  
**Lab Number** : 06123930  
**Unique Number** : 10938081  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - CASTLE HAYNE**  
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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)