



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

Machine Id  
**JOHN DEERE 300G C215652 (S/N 1FF300GXAJF730900)**  
 Component  
**Swing Drive Gear Case**  
 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>JR0221807</b>	JR0170309	JR0131125
Sample Date		Client Info		<b>01 Jul 2024</b>	11 Aug 2023	20 Jun 2022
Machine Age	hrs	Client Info		<b>2655</b>	2353	2035
Oil Age	hrs	Client Info		<b>2035</b>	0	0
Filter Age	hrs	Client Info		<b>2035</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	Not Changd	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>22</b>	20	26
Iron	ppm	ASTM D5185m	>200	<b>34</b>	18	31
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m		<b>4</b>	3	0
Lead	ppm	ASTM D5185m		<b>0</b>	3	0
Copper	ppm	ASTM D5185m		<b>&lt;1</b>	5	0
Tin	ppm	ASTM D5185m		<b>0</b>	2	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

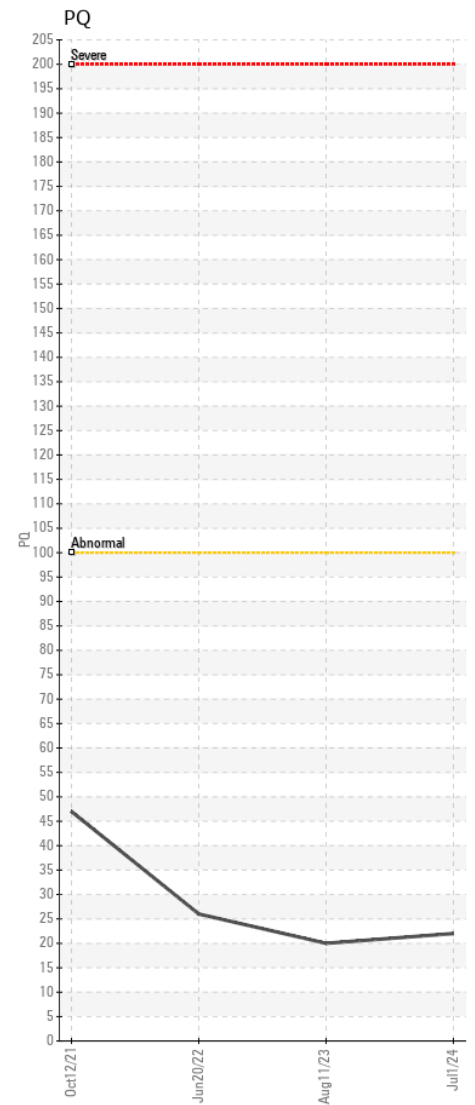
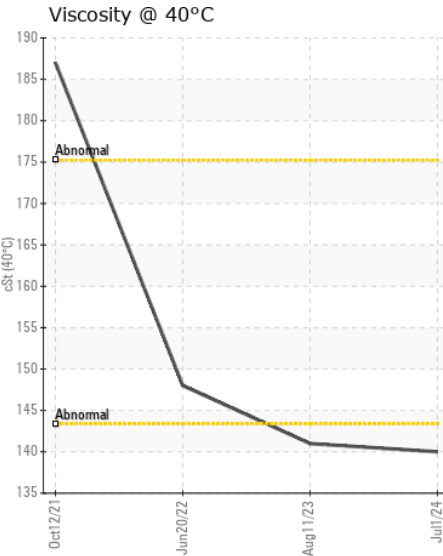
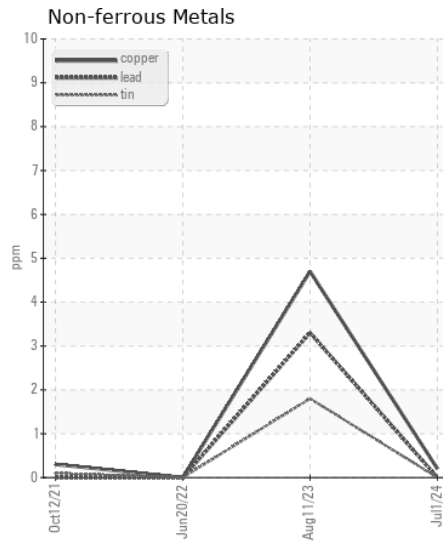
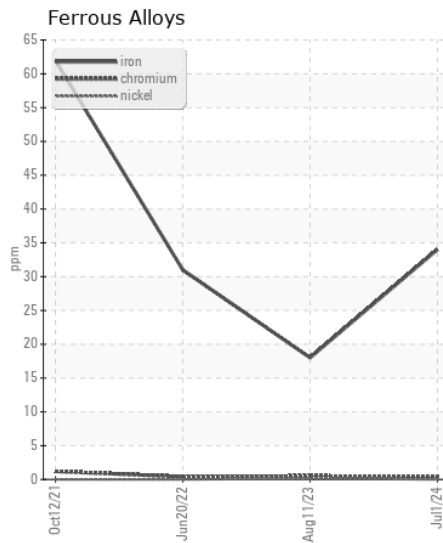
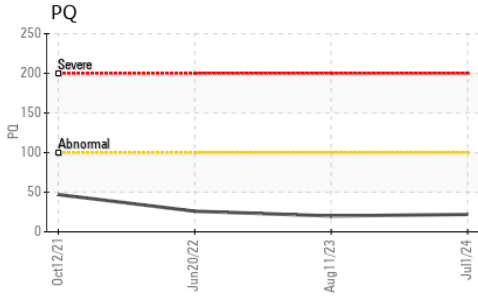
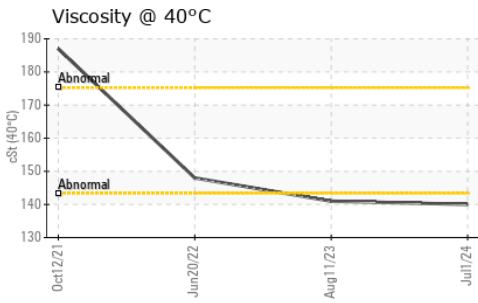
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		<b>17</b>	5	5
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	6	<1
Water		WC Method	>0.2	<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	>0.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>2</b>	5	0
Boron	ppm	ASTM D5185m		<b>3</b>	10	23
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	4	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	2	<1
Magnesium	ppm	ASTM D5185m		<b>1</b>	4	5
Calcium	ppm	ASTM D5185m		<b>8</b>	9	11
Phosphorus	ppm	ASTM D5185m		<b>366</b>	399	362
Zinc	ppm	ASTM D5185m		<b>1</b>	0	7
Sulfur	ppm	ASTM D5185m		<b>21844</b>	27856	17627
Visc @ 40°C	cSt	ASTM D445		<b>140</b>	141	148



Certificate L2367

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

**Sample No.** : JR0221807

**Lab Number** : 06228931

**Unique Number** : 11112424

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

**Received** : 05 Jul 2024

**Tested** : 08 Jul 2024

**Diagnosed** : 08 Jul 2024 - Don Baldrige

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)

**JRE - STEPHENSON**

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