



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

Machine Id  
**JOHN DEERE 300GLC PM071598 (S/N 1FF300GXLNF732203)**

Component  
**Left Final 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>JR0219706</b>	JR0192759	JR0188863
Sample Date		Client Info		<b>28 Jun 2024</b>	20 Feb 2024	13 Oct 2023
Machine Age	hrs	Client Info		<b>2038</b>	1450	500
Oil Age	hrs	Client Info		<b>2038</b>	1450	500
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	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>157</b>	231	45
Iron	ppm	ASTM D5185m	>500	<b>157</b>	172	72
Chromium	ppm	ASTM D5185m	>10	<b>3</b>	4	1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	1	2
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>0</b>	<1	<1
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

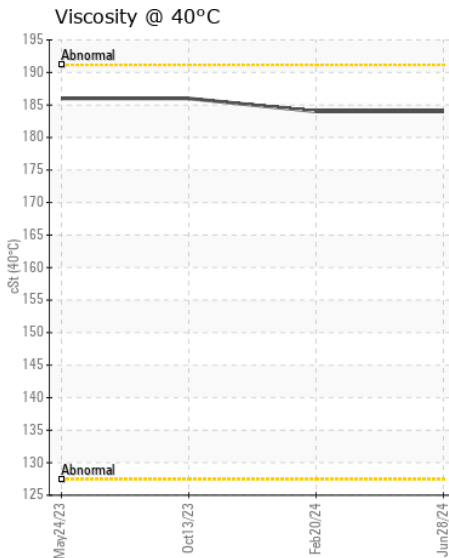
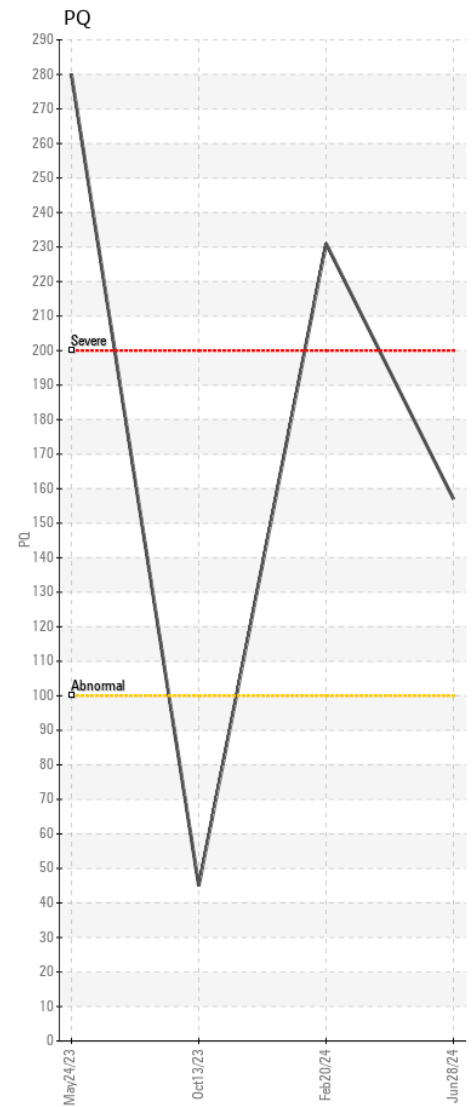
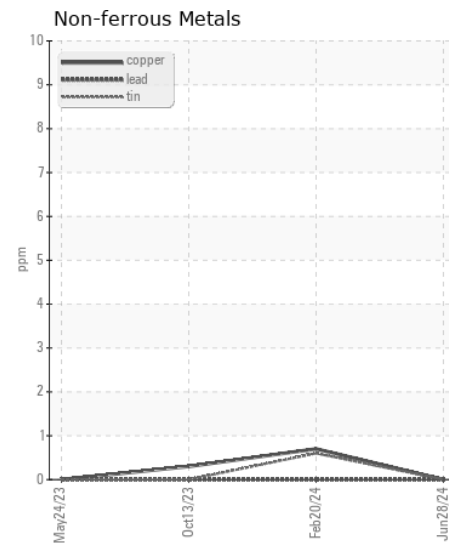
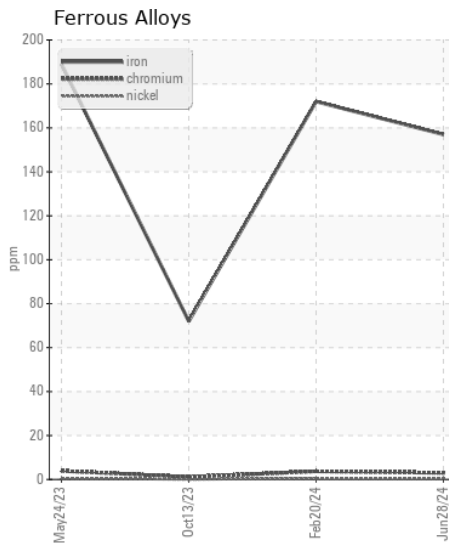
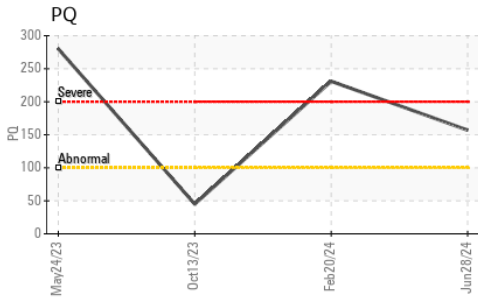
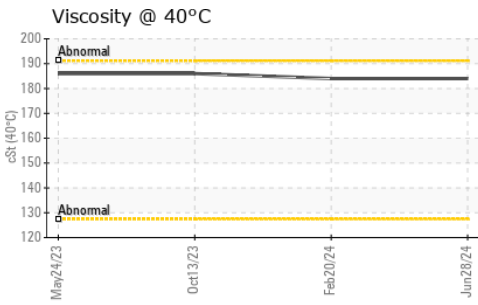
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>9</b>	8	14
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	2	2
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>3</b>	1	0
Boron	ppm	ASTM D5185m		<b>51</b>	58	84
Barium	ppm	ASTM D5185m		<b>4</b>	0	3
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>4</b>	4	2
Magnesium	ppm	ASTM D5185m		<b>2</b>	0	1
Calcium	ppm	ASTM D5185m		<b>62</b>	91	21
Phosphorus	ppm	ASTM D5185m		<b>512</b>	495	526
Zinc	ppm	ASTM D5185m		<b>38</b>	28	4
Sulfur	ppm	ASTM D5185m		<b>17657</b>	14241	16963
Visc @ 40°C	cSt	ASTM D445		<b>184</b>	184	186



Certificate L2367

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

**Sample No.** : JR0219706

**Lab Number** : 06227763

**Unique Number** : 11111256

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

**Received** : 03 Jul 2024

**Tested** : 05 Jul 2024

**Diagnosed** : 05 Jul 2024 - Wes Davis

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 - CHARLOTTE**

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