



# OIL ANALYSIS REPORT

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



Area  
**Store 3 - Norton**  
Machine Id  
**JOHN DEERE 300G 1FF300GXENF732110**  
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>LEC0047230</b>	LEC0043101	---
Sample Date		Client Info		<b>12 Jan 2024</b>	06 Sep 2023	---
Machine Age	hrs	Client Info		<b>857</b>	403	---
Oil Age	hrs	Client Info		<b>454</b>	403	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Chngd</b>	Changed	---
Filter Changed		Client Info		<b>None</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>68</b>	49	---
Iron	ppm	ASTM D5185m	>151	<b>91</b>	80	---
Chromium	ppm	ASTM D5185m	>11	<b>2</b>	2	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>21	<b>0</b>	2	---
Lead	ppm	ASTM D5185m	>51	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>51	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

## CONTAMINATION

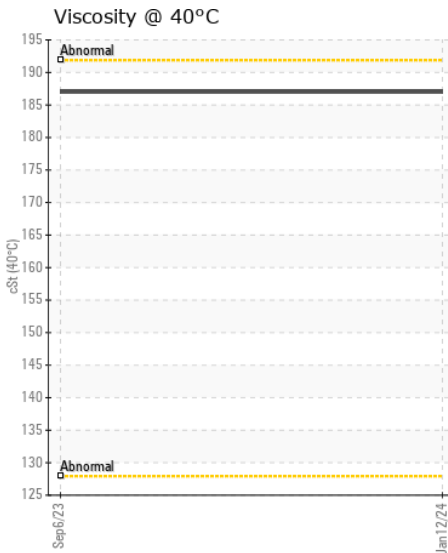
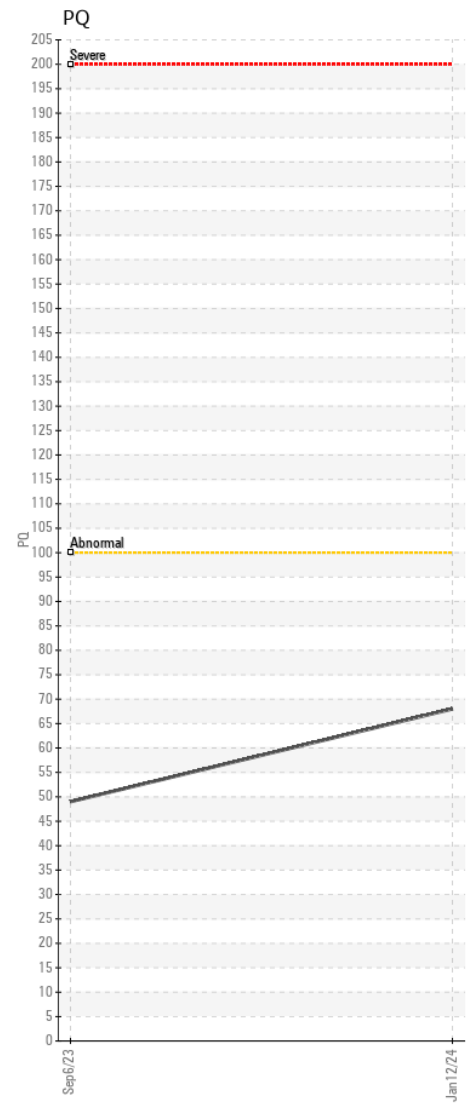
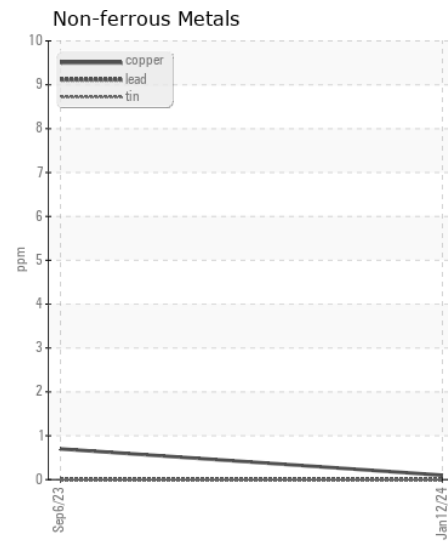
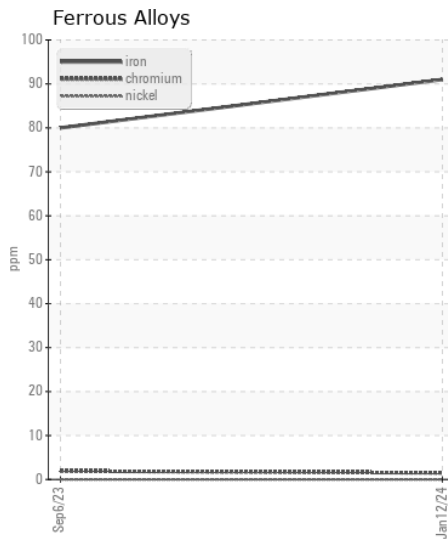
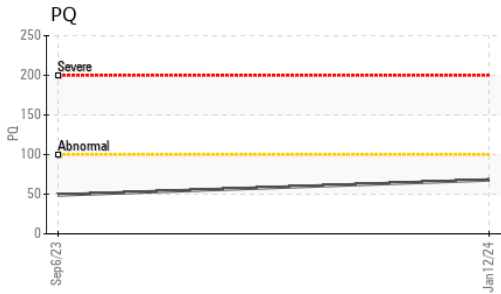
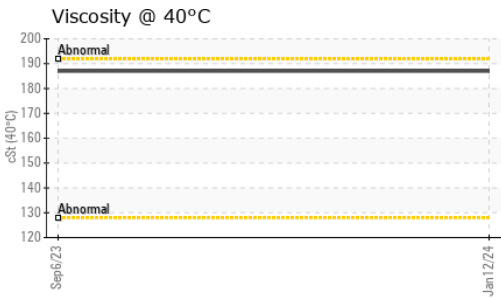
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>14</b>	15	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	2	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>1</b>	2	---
Boron	ppm	ASTM D5185m		<b>70</b>	78	---
Barium	ppm	ASTM D5185m		<b>1</b>	1	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>2</b>	3	---
Magnesium	ppm	ASTM D5185m		<b>0</b>	1	---
Calcium	ppm	ASTM D5185m		<b>60</b>	53	---
Phosphorus	ppm	ASTM D5185m		<b>505</b>	528	---
Zinc	ppm	ASTM D5185m		<b>12</b>	8	---
Sulfur	ppm	ASTM D5185m		<b>15388</b>	18713	---
Visc @ 40°C	cSt	ASTM D445		<b>187</b>	187	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0047230 **Received** : 17 Jan 2024  
**Lab Number** : 06063847 **Diagnosed** : 20 Jan 2024  
**Unique Number** : 10835229 **Diagnostician** : Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
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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)