



# OIL ANALYSIS REPORT

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



Area  
**Store 8 - Pikeville**  
Machine Id  
**JOHN DEERE 210G 1FF210GXTNF530296**  
Component  
**Swing Drive**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (2 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry update for oil type. Please note that this is a corrected copy for laboratory data updates.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0046204</b>	LEC0040345	LEC0038924
Sample Date		Client Info		<b>02 Nov 2023</b>	18 Apr 2023	26 Jan 2023
Machine Age	hrs	Client Info		<b>1474</b>	1102	757
Oil Age	hrs	Client Info		<b>372</b>	1102	757
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Chngd</b>	Changed	Not Chngd
Filter Changed		Client Info		<b>None</b>	N/A	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>14</b>	61	72
Iron	ppm	ASTM D5185m	>151	<b>68</b>	132	144
Chromium	ppm	ASTM D5185m	>11	<b>1</b>	1	2
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>21	<b>&lt;1</b>	<1	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>0</b>	0	0
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

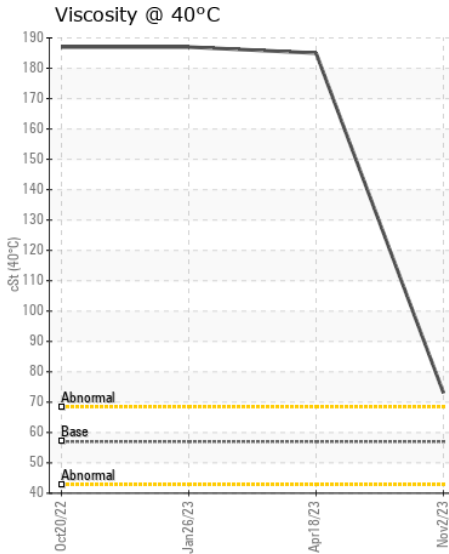
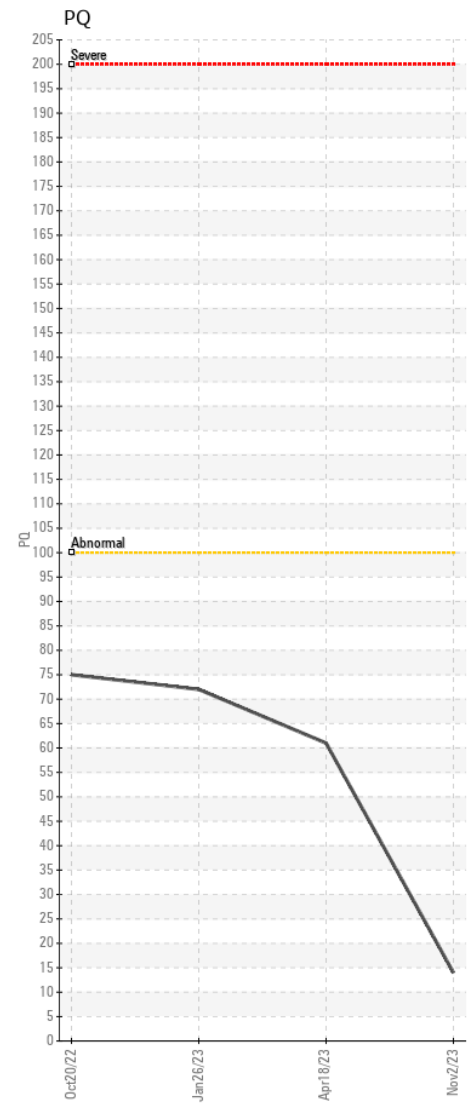
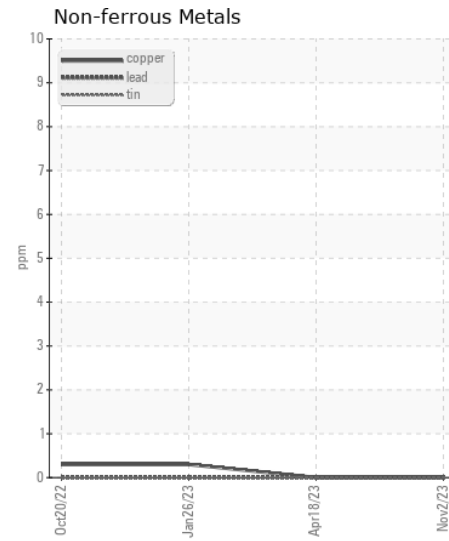
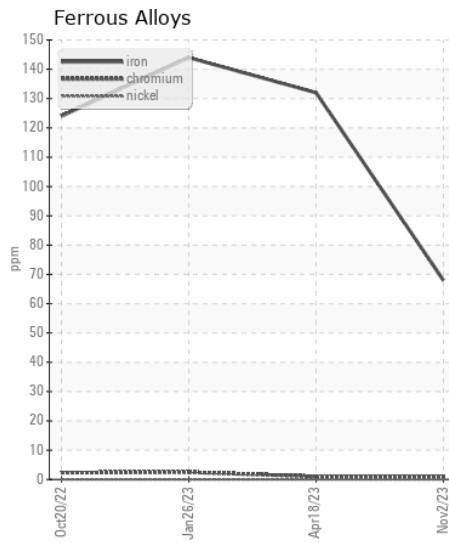
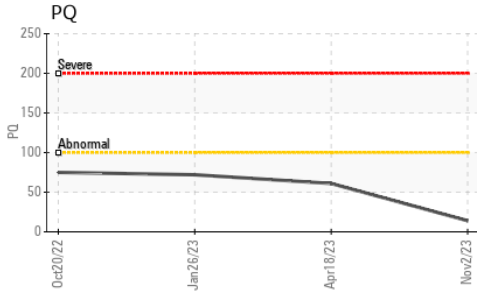
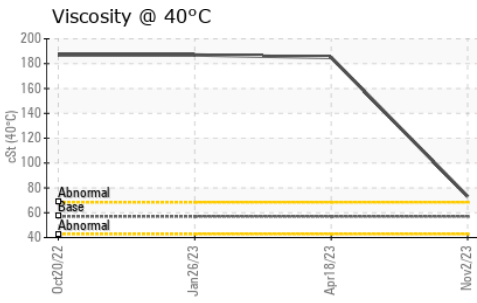
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>12</b>	14	17
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	1
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 acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<b>1</b>	0	1
Boron	ppm	ASTM D5185m	6	<b>26</b>	44	62
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	7
Molybdenum	ppm	ASTM D5185m	0	<b>4</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>1</b>	3	4
Magnesium	ppm	ASTM D5185m	145	<b>84</b>	5	<1
Calcium	ppm	ASTM D5185m	3570	<b>2488</b>	41	18
Phosphorus	ppm	ASTM D5185m	1290	<b>815</b>	346	485
Zinc	ppm	ASTM D5185m	1640	<b>945</b>	0	12
Sulfur	ppm	ASTM D5185m		<b>5735</b>	13337	17150
Visc @ 40°C	cSt	ASTM D445	57.0	<b>73.1</b>	185	187



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0046204 **Received** : 07 Nov 2023  
**Lab Number** : 06000723 **Tested** : 10 Nov 2023  
**Unique Number** : 10729083 **Diagnosed** : 10 Nov 2023 - Doug Bogart  
**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)