



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



Machine Id  
**JOHN DEERE 210G 1FF210GXJKF527222**  
Component  
**Pump Drive**  
Fluid  
**JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0202614</b>	JR0153065	JR0055124
Sample Date		Client Info		<b>25 Jan 2024</b>	26 Oct 2022	10 Sep 2020
Machine Age	hrs	Client Info		<b>3005</b>	2395	1066
Oil Age	hrs	Client Info		<b>2395</b>	2395	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>16</b>	11	20
Iron	ppm	ASTM D5185m	>151	<b>39</b>	16	46
Chromium	ppm	ASTM D5185m	>11	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	2	<1
Aluminum	ppm	ASTM D5185m	>21	<b>3</b>	<1	0
Lead	ppm	ASTM D5185m	>51	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>51	<b>0</b>	<1	1
Tin	ppm	ASTM D5185m	>4	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

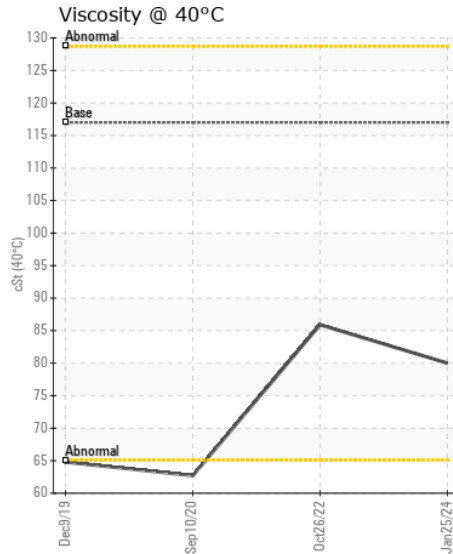
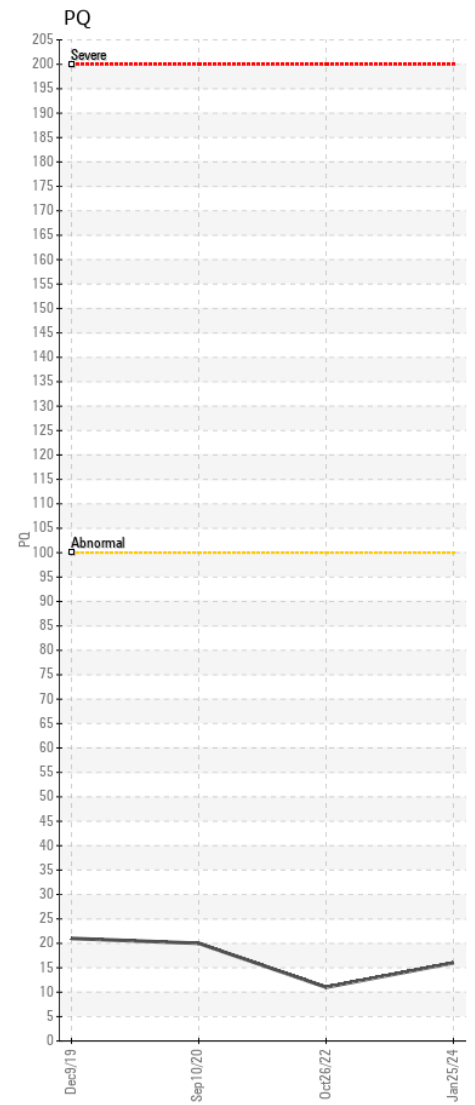
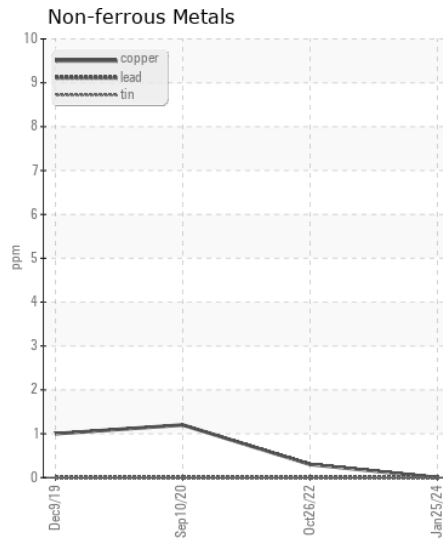
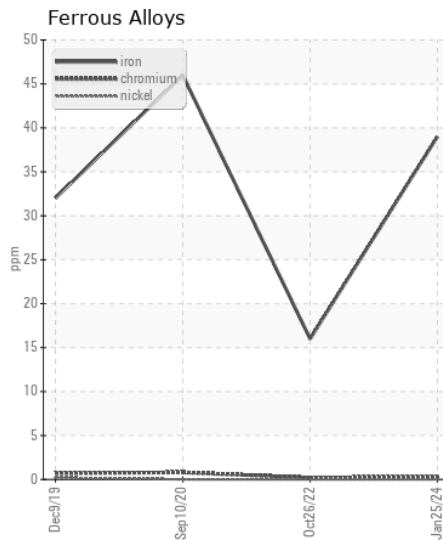
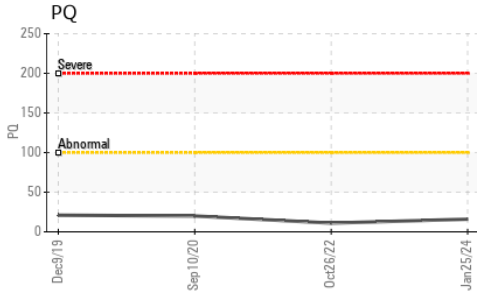
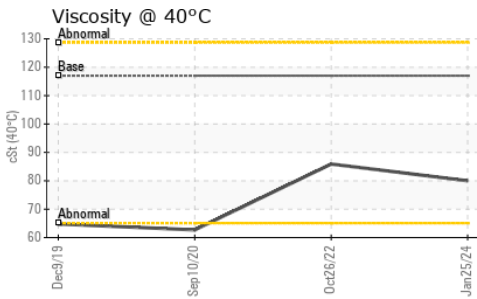
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>11</b>	6	12
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	9	2
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>0</b>	4	4
Boron	ppm	ASTM D5185m		<b>230</b>	159	111
Barium	ppm	ASTM D5185m		<b>2</b>	0	5
Molybdenum	ppm	ASTM D5185m		<b>202</b>	111	135
Manganese	ppm	ASTM D5185m		<b>0</b>	1	2
Magnesium	ppm	ASTM D5185m		<b>664</b>	445	121
Calcium	ppm	ASTM D5185m		<b>1118</b>	651	3806
Phosphorus	ppm	ASTM D5185m		<b>871</b>	539	1163
Zinc	ppm	ASTM D5185m		<b>883</b>	512	1273
Sulfur	ppm	ASTM D5185m		<b>7375</b>	5976	6886
Visc @ 40°C	cSt	ASTM D445	117	<b>80.0</b>	85.9	62.7



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0202614 **Received** : 07 Feb 2024  
**Lab Number** : 06082774 **Tested** : 08 Feb 2024  
**Unique Number** : 10870219 **Diagnosed** : 09 Feb 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GARNER**  
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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)