



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

Machine Id  
**JOHN DEERE 350G 1FF350GXAMF815211**  
 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>JR0189092</b>	JR0171415	JR0142226
Sample Date		Client Info		<b>02 Jan 2024</b>	29 Jun 2023	13 Oct 2022
Machine Age	hrs	Client Info		<b>8490</b>	1445	8490
Oil Age	hrs	Client Info		<b>8490</b>	8490	500
Filter Age	hrs	Client Info		<b>0</b>	0	500
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Filter Changed		Client Info		<b>N/A</b>	Not Changd	Changed
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>14</b>	28	21
Iron	ppm	ASTM D5185m	>151	<b>0</b>	52	173
Chromium	ppm	ASTM D5185m	>11	<b>0</b>	0	5
Nickel	ppm	ASTM D5185m	>10	<b>2</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Aluminum	ppm	ASTM D5185m	>21	<b>4</b>	6	4
Lead	ppm	ASTM D5185m	>51	<b>&lt;1</b>	0	<1
Copper	ppm	ASTM D5185m	>51	<b>&lt;1</b>	0	5
Tin	ppm	ASTM D5185m	>4	<b>0</b>	0	2
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

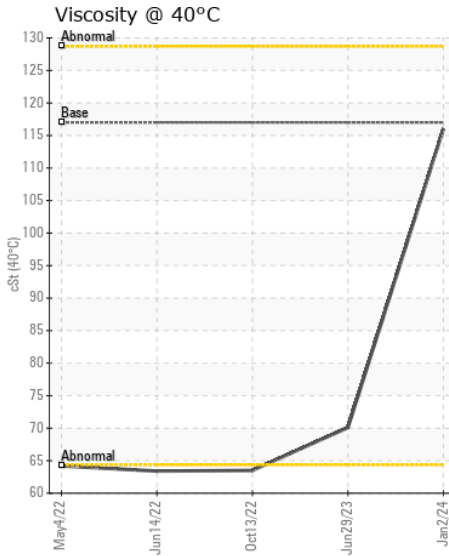
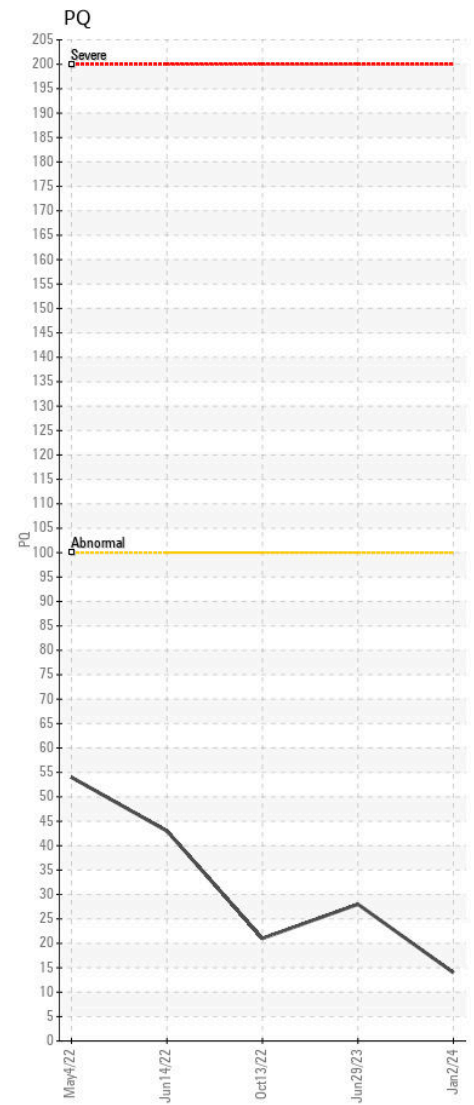
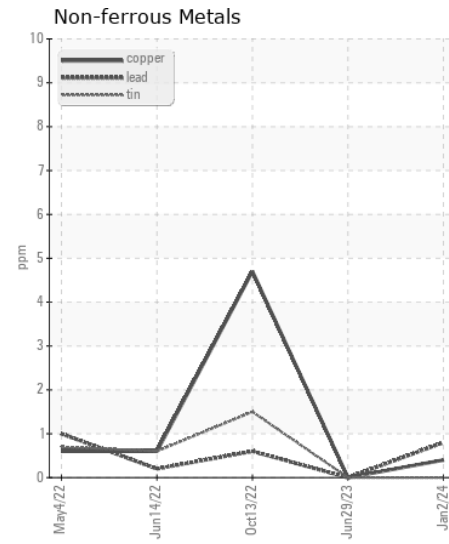
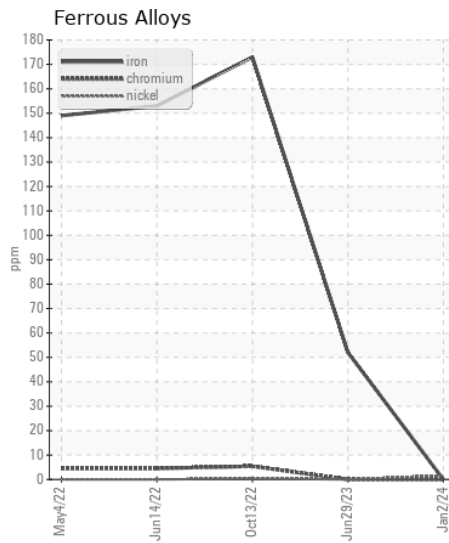
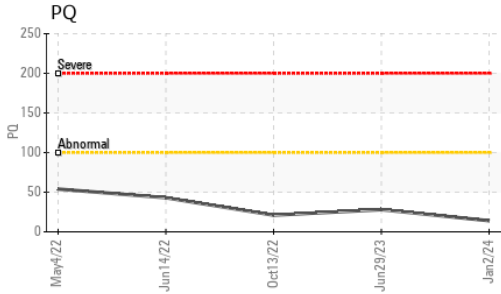
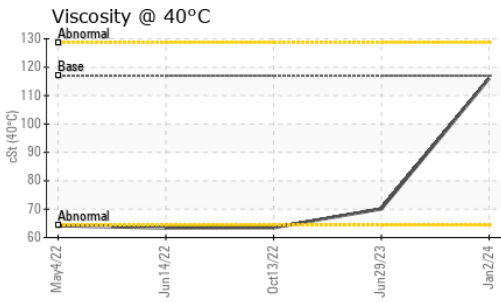
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>6</b>	12	▲ 59
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	2	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</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>	2	2
Boron	ppm	ASTM D5185m		<b>258</b>	238	58
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>215</b>	195	105
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	8
Magnesium	ppm	ASTM D5185m		<b>827</b>	610	8
Calcium	ppm	ASTM D5185m		<b>1265</b>	1310	4542
Phosphorus	ppm	ASTM D5185m		<b>852</b>	773	1227
Zinc	ppm	ASTM D5185m		<b>1082</b>	863	1441
Sulfur	ppm	ASTM D5185m		<b>3098</b>	3742	7989
Visc @ 40°C	cSt	ASTM D445	117	<b>116</b>	70.1	63.5



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0189092 **Received** : 12 Jan 2024  
**Lab Number** : 06059465 **Diagnosed** : 15 Jan 2024  
**Unique Number** : 10830847 **Diagnostician** : Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

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**  
 9550 STATESVILLE ROAD  
 CHARLOTTE, NC  
 US 28269  
 Contact: CHARLOTTE SHOP  
 myoung@jamesriverequipment.com  
 T: (704)597-0211  
 F: (704)596-6198