



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

Machine Id  
**JOHN DEERE 350P 1FF350PAANF000150**

Component  
**Right Final Drive**

Fluid  
**JOHN DEERE GL-5 80W90 (--- QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0208216</b>	JR0190200	JR0176368
Sample Date		Client Info		<b>27 Feb 2024</b>	17 Oct 2023	19 Jun 2023
Machine Age	hrs	Client Info		<b>2446</b>	1967	1458
Oil Age	hrs	Client Info		<b>479</b>	1967	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>None</b>	None	N/A
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>228</b>	212	347
Iron	ppm	ASTM D5185m	>500	<b>318</b>	391	351
Chromium	ppm	ASTM D5185m	>10	<b>5</b>	6	6
Nickel	ppm	ASTM D5185m	>10	<b>1</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>1</b>	<1	2
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	7	27
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>4</b>	0	<1
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

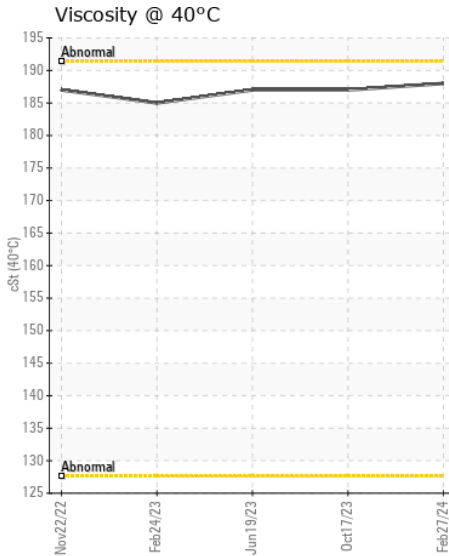
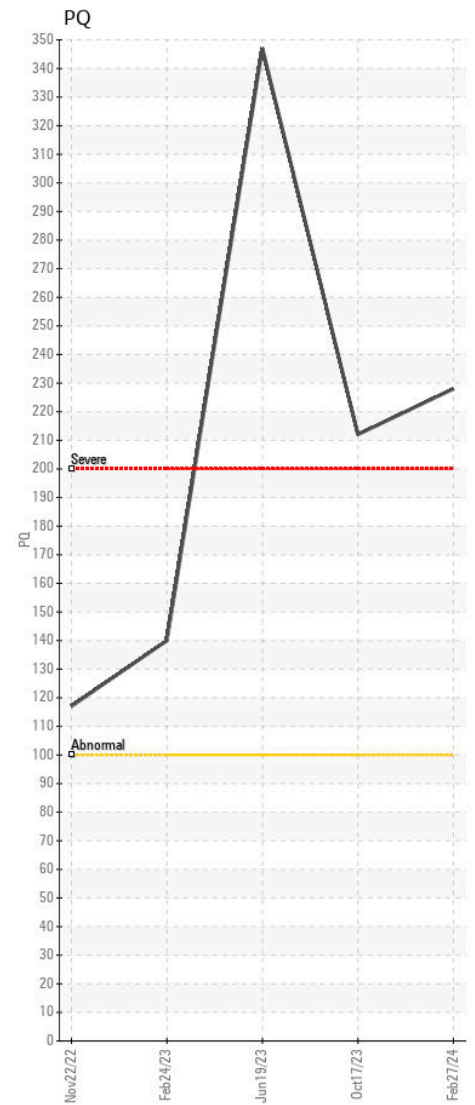
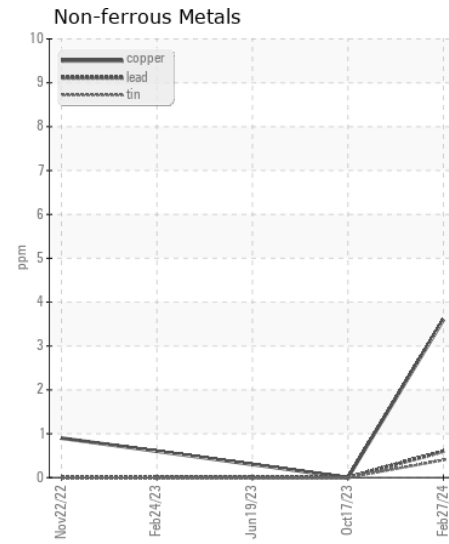
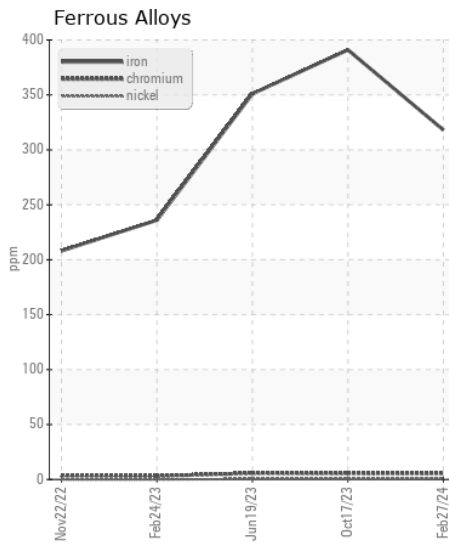
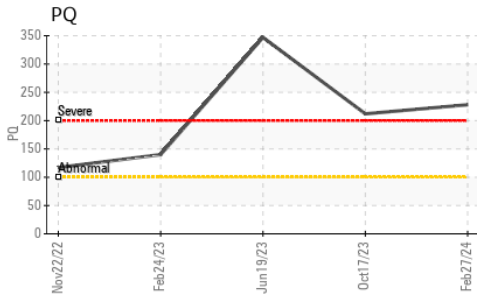
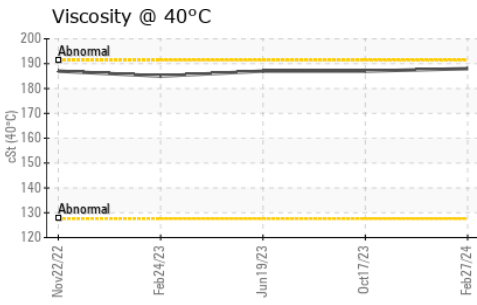
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>19</b>	39	89
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	2
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	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	>0.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	2
Boron	ppm	ASTM D5185m		<b>63</b>	64	49
Barium	ppm	ASTM D5185m		<b>4</b>	3	8
Molybdenum	ppm	ASTM D5185m		<b>1</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>7</b>	7	7
Magnesium	ppm	ASTM D5185m		<b>1</b>	5	12
Calcium	ppm	ASTM D5185m		<b>24</b>	27	29
Phosphorus	ppm	ASTM D5185m		<b>515</b>	526	410
Zinc	ppm	ASTM D5185m		<b>30</b>	26	44
Sulfur	ppm	ASTM D5185m		<b>18230</b>	15624	13552
Visc @ 40°C	cSt	ASTM D445		<b>188</b>	187	187



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0208216 **Received** : 28 Feb 2024  
**Lab Number** : 06103844 **Tested** : 29 Feb 2024  
**Unique Number** : 10902074 **Diagnosed** : 01 Mar 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
 9107 OWENS DRIVE  
 MANASSAS PARK, VA  
 US 20111

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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)