



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

Area

**[05W46449]**

Machine Id

**JOHN DEERE 350P 1FF350PACPF000732**

Component

**Left Final Drive**

Fluid

**JOHN DEERE GL-5 80W90 (10 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

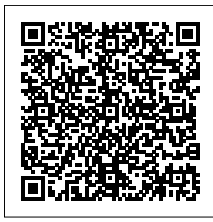
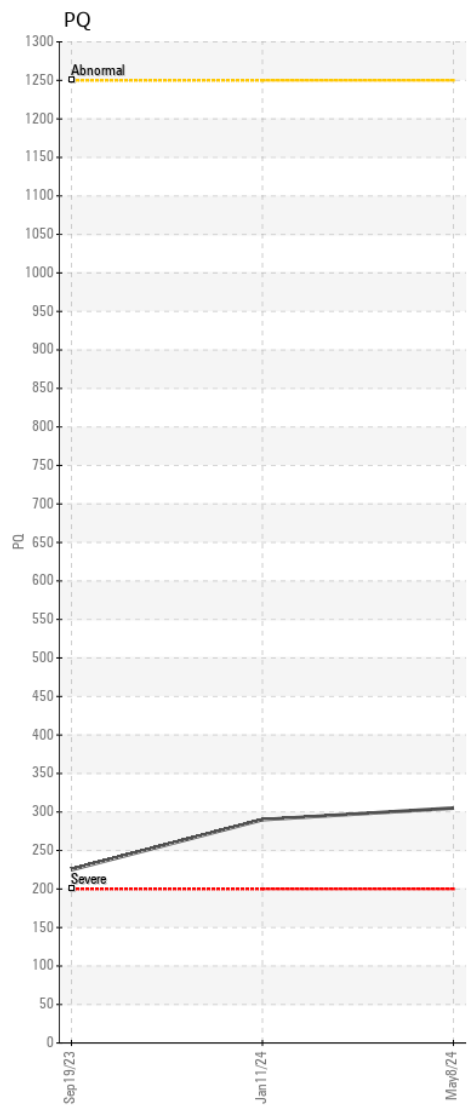
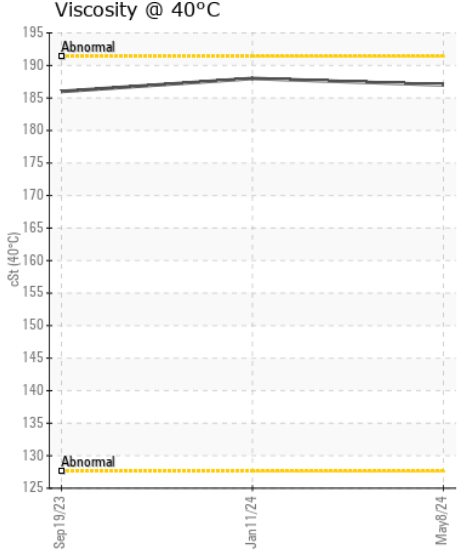
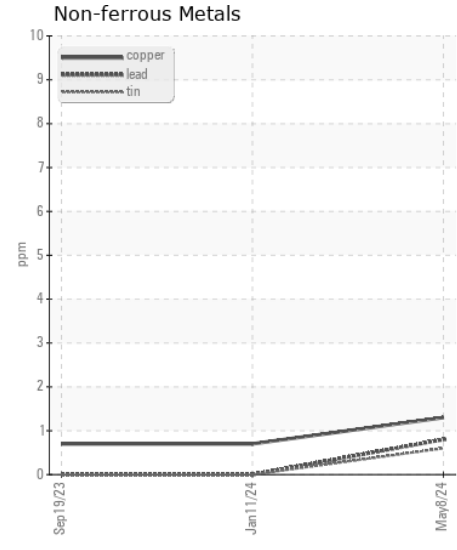
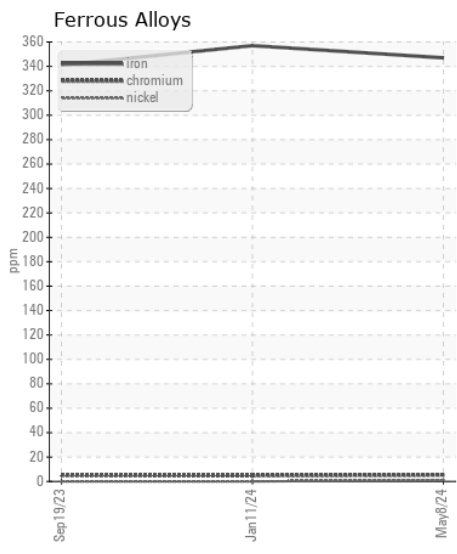
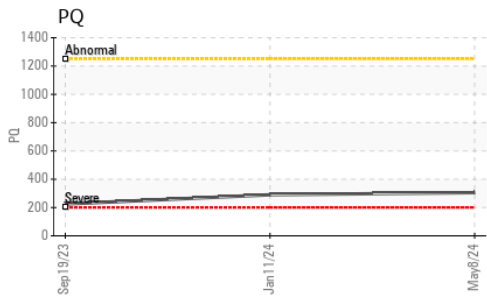
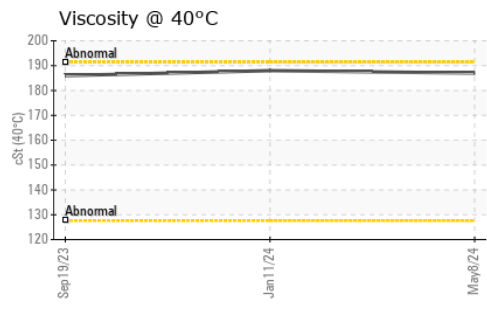
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0214595</b>	JR0199355	JR0187741
Sample Date		Client Info		<b>08 May 2024</b>	11 Jan 2024	19 Sep 2023
Machine Age	hrs	Client Info		<b>1531</b>	955	454
Oil Age	hrs	Client Info		<b>1531</b>	955	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	N/A	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PQ		ASTM D8184	>1250	<b>305</b>	290	225
Iron	ppm	ASTM D5185m	>750	<b>347</b>	357	341
Chromium	ppm	ASTM D5185m	>9	<b>5</b>	5	5
Nickel	ppm	ASTM D5185m	>10	<b>1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>&lt;1</b>	<1	2
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>1</b>	<1	<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	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	<b>16</b>	14	17
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	<1
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Debris	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	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	>0.075	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185m	>51	<b>0</b>	1	0
Boron	ppm	ASTM D5185m		<b>83</b>	73	99
Barium	ppm	ASTM D5185m		<b>0</b>	1	0
Molybdenum	ppm	ASTM D5185m		<b>5</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>7</b>	6	7
Magnesium	ppm	ASTM D5185m		<b>18</b>	0	1
Calcium	ppm	ASTM D5185m		<b>48</b>	23	21
Phosphorus	ppm	ASTM D5185m		<b>520</b>	514	615
Zinc	ppm	ASTM D5185m		<b>37</b>	15	22
Sulfur	ppm	ASTM D5185m		<b>16710</b>	16532	19250
Visc @ 40°C	cSt	ASTM D445		<b>187</b>	188	186



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0214595 **Received** : 09 May 2024  
**Lab Number** : 06174114 **Tested** : 10 May 2024  
**Unique Number** : 11020167 **Diagnosed** : 10 May 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**B & S SITE DEVELOPMENT**  
 7800 PINEY BRANCH LANE  
 BRISTOW, VA  
 US 20136  
 Contact: DANNY HUFF  
 dhuff@bandssite.com  
 T: (540)270-3203  
 F: (703)753-0605

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)