



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

Area

**[05W47663]**

Machine Id

**JOHN DEERE 350P 1FF350PATPF000563**

Component

**Pump Drive**

Fluid

**JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0218235</b>	JR0208226	JR0196123
Sample Date		Client Info		<b>24 Jun 2024</b>	22 Mar 2024	16 Nov 2023
Machine Age	hrs	Client Info		<b>1984</b>	1501	949
Oil Age	hrs	Client Info		<b>1034</b>	552	949
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
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>19</b>	15	13
Iron	ppm	ASTM D5185m	>151	<b>68</b>	53	58
Chromium	ppm	ASTM D5185m	>11	<b>2</b>	1	1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>21	<b>6</b>	6	2
Lead	ppm	ASTM D5185m	>51	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m	>51	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m	>4	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

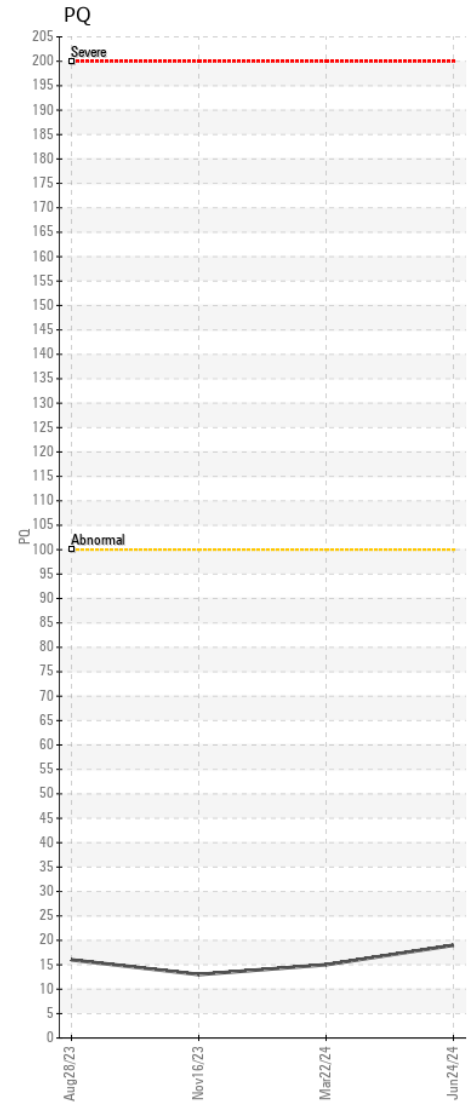
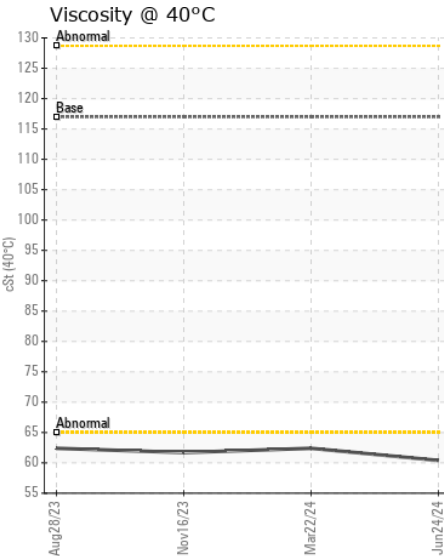
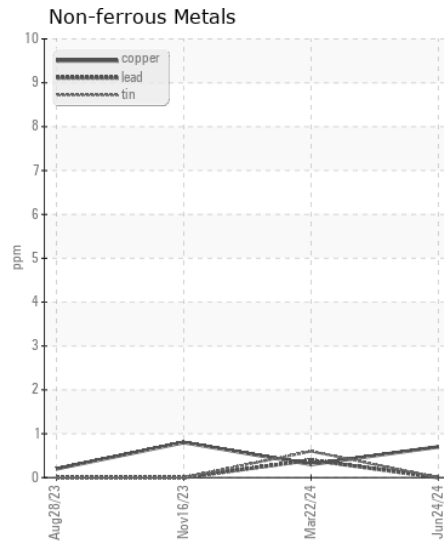
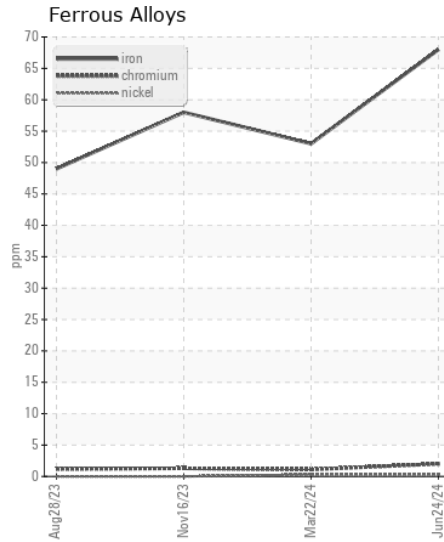
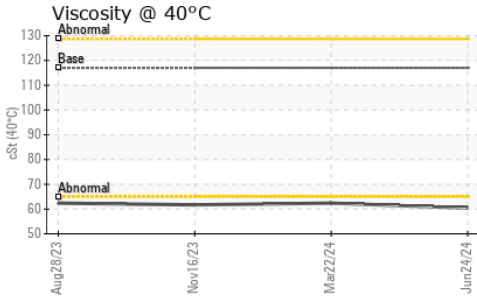
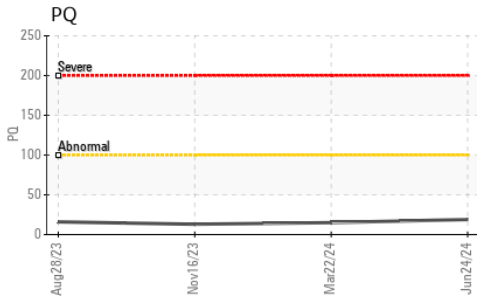
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>24</b>	22	▲ 38
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	3	<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>2</b>	4	4
Boron	ppm	ASTM D5185m		<b>225</b>	242	54
Barium	ppm	ASTM D5185m		<b>0</b>	<1	6
Molybdenum	ppm	ASTM D5185m		<b>204</b>	207	104
Manganese	ppm	ASTM D5185m		<b>2</b>	2	4
Magnesium	ppm	ASTM D5185m		<b>640</b>	676	12
Calcium	ppm	ASTM D5185m		<b>1850</b>	1981	3931
Phosphorus	ppm	ASTM D5185m		<b>1085</b>	1079	1222
Zinc	ppm	ASTM D5185m		<b>1138</b>	1167	1334
Sulfur	ppm	ASTM D5185m		<b>3919</b>	4604	7657
Visc @ 40°C	cSt	ASTM D445	117	<b>60.4</b>	62.4	61.7



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0218235 **Received** : 25 Jun 2024  
**Lab Number** : 06220044 **Tested** : 26 Jun 2024  
**Unique Number** : 11098241 **Diagnosed** : 27 Jun 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**B & S SITE DEVELOPMENT**  
 7800 PINEY BRANCH LANE  
 BRISTOW, VA  
 US 20136

Contact: DANNY HUFF  
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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)

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