



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

Area

**[05W46449]**

Machine Id

**JOHN DEERE 350P 1FF350PACPF000732**

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>JR0214716</b>	JR0199356	JR0187469
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>576</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>	ABNORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>21</b>	15	16
Iron	ppm	ASTM D5185m	>151	<b>36</b>	66	56
Chromium	ppm	ASTM D5185m	>11	<b>1</b>	1	1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;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	>21	<b>3</b>	1	4
Lead	ppm	ASTM D5185m	>51	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185m	>51	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m	>4	<b>&lt;1</b>	<1	<1
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

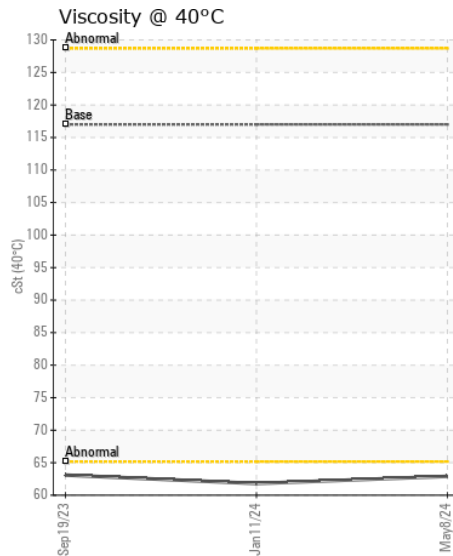
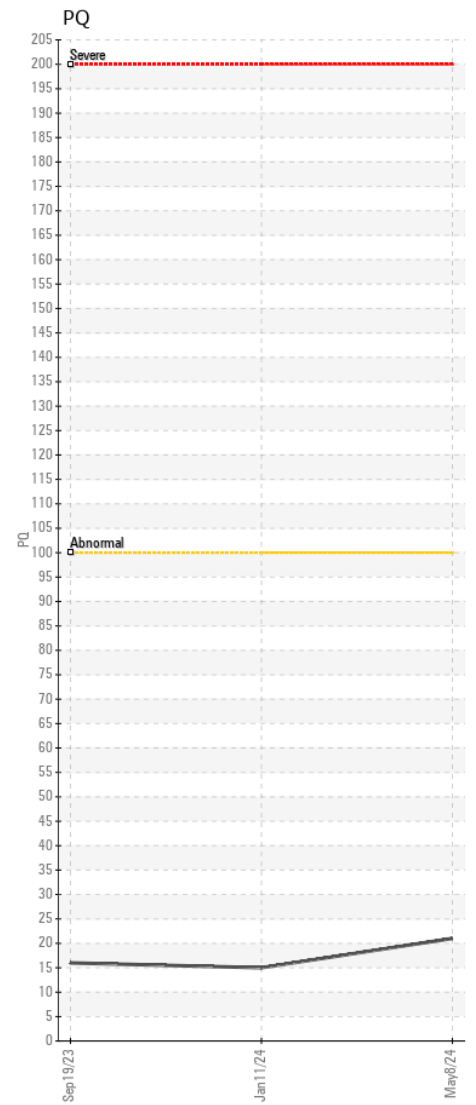
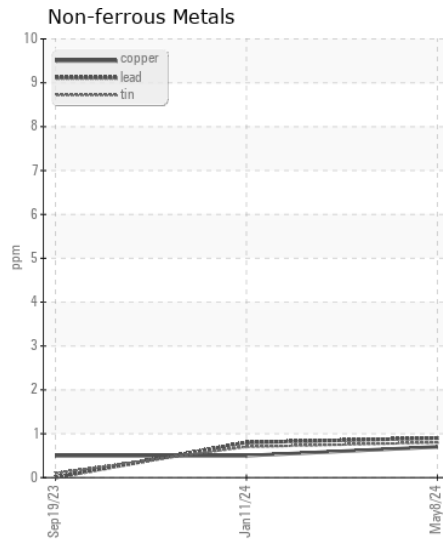
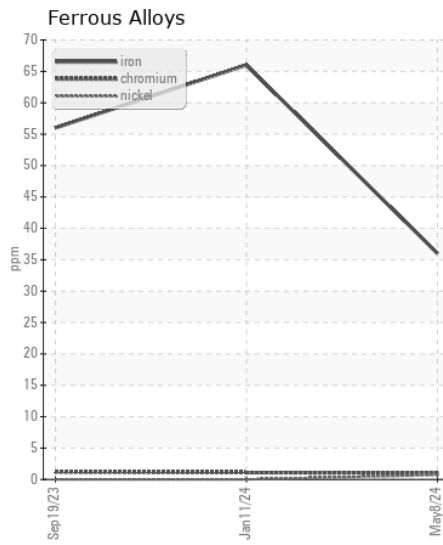
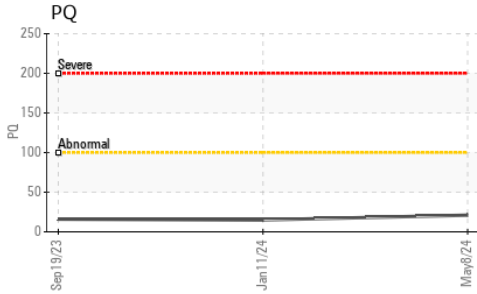
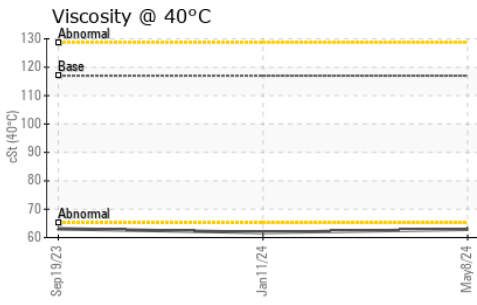
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>18</b>	▲ 53	▲ 59
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	<1	3
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	<1
Boron	ppm	ASTM D5185m		<b>257</b>	51	60
Barium	ppm	ASTM D5185m		<b>0</b>	4	<1
Molybdenum	ppm	ASTM D5185m		<b>197</b>	101	114
Manganese	ppm	ASTM D5185m		<b>2</b>	4	4
Magnesium	ppm	ASTM D5185m		<b>656</b>	15	20
Calcium	ppm	ASTM D5185m		<b>1530</b>	3981	4193
Phosphorus	ppm	ASTM D5185m		<b>937</b>	1171	1175
Zinc	ppm	ASTM D5185m		<b>979</b>	1281	1326
Sulfur	ppm	ASTM D5185m		<b>3958</b>	7104	7719
Visc @ 40°C	cSt	ASTM D445	117	<b>62.9</b>	61.8	63.1



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : JR0214716

**Lab Number** : 06174113

**Unique Number** : 11020166

**Test Package** : CONST ( Additional Tests: PQ )

**Received** : 09 May 2024

**Tested** : 10 May 2024

**Diagnosed** : 10 May 2024 - Wes Davis

**B & S SITE DEVELOPMENT**

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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)