



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

Machine Id  
**JOHN DEERE 1FF350PAENF000248**  
 Component  
**Pump Drive**  
 Fluid  
**JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment:  
 Top Up Amount: .2 QTS )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0218323</b>	JR0211282	JR0187677
Sample Date		Client Info		<b>26 Jun 2024</b>	29 Mar 2024	03 Oct 2023
Machine Age	hrs	Client Info		<b>1499</b>	1034	461
Oil Age	hrs	Client Info		<b>465</b>	1034	461
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Oil Added</b>	Changed	Not Changd
Filter Changed		Client Info		<b>None</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>40</b>	22	34
Iron	ppm	ASTM D5185m	>151	<b>59</b>	115	98
Chromium	ppm	ASTM D5185m	>11	<b>1</b>	3	3
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>21	<b>5</b>	3	3
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	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

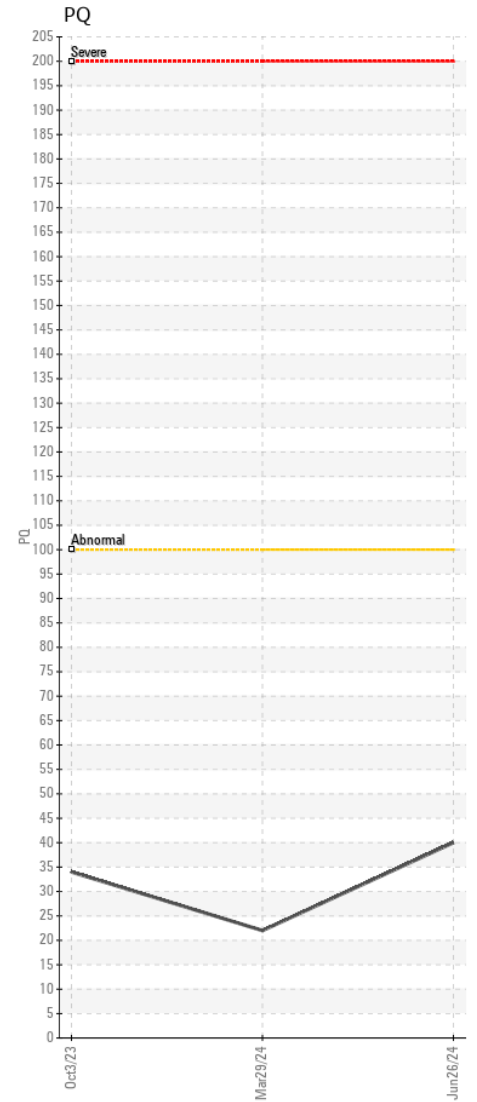
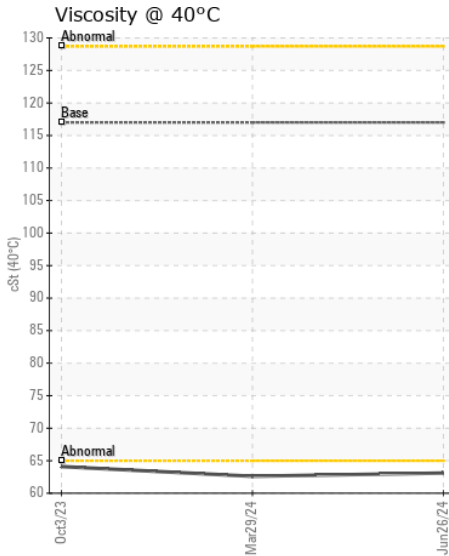
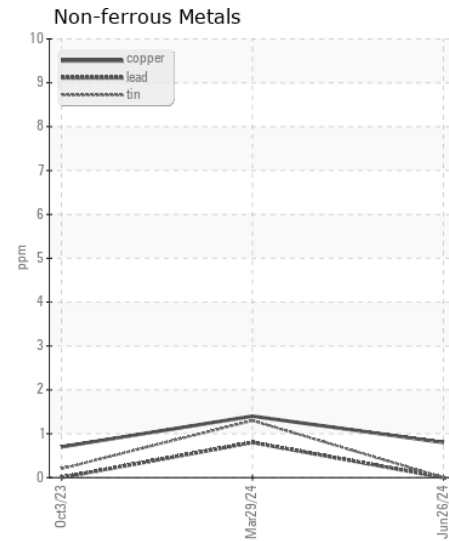
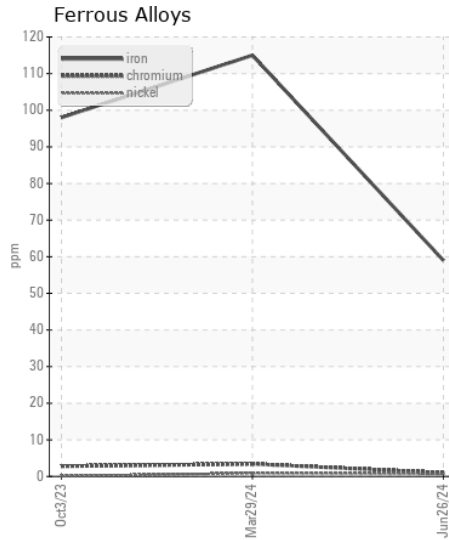
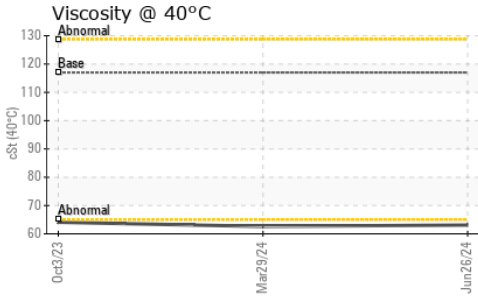
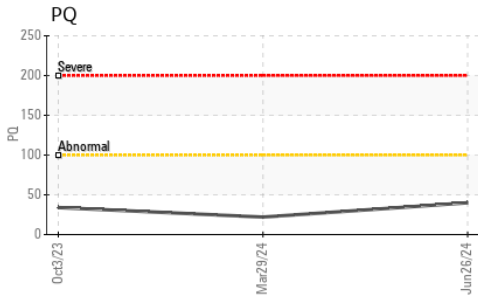
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>24</b>	▲ 89	▲ 102
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	4	2
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>4</b>	3	2
Boron	ppm	ASTM D5185m		<b>261</b>	68	63
Barium	ppm	ASTM D5185m		<b>0</b>	7	0
Molybdenum	ppm	ASTM D5185m		<b>236</b>	108	114
Manganese	ppm	ASTM D5185m		<b>2</b>	7	6
Magnesium	ppm	ASTM D5185m		<b>808</b>	55	17
Calcium	ppm	ASTM D5185m		<b>1653</b>	3927	4237
Phosphorus	ppm	ASTM D5185m		<b>1010</b>	1185	1238
Zinc	ppm	ASTM D5185m		<b>1107</b>	1295	1427
Sulfur	ppm	ASTM D5185m		<b>4624</b>	9464	9747
Visc @ 40°C	cSt	ASTM D445	117	<b>63.1</b>	62.6	64.1



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0218323 **Received** : 28 Jun 2024  
**Lab Number** : 06223744 **Tested** : 01 Jul 2024  
**Unique Number** : 11101941 **Diagnosed** : 01 Jul 2024 - Don Baldridge  
**Test Package** : CONST ( Additional Tests: PQ )

**CWS-STRITTMATTER**  
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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)