



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

Machine Id  
**JOHN DEERE 750L 1T0750LXENF430911**

Component  
**Hydrostatic**  
Fluid  
{not provided} (--- GAL)

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0213023</b>	JR0197912	---
Sample Date		Client Info		<b>16 Apr 2024</b>	11 Dec 2023	---
Machine Age	hrs	Client Info		<b>2470</b>	2036	---
Oil Age	hrs	Client Info		<b>434</b>	2036	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Chngd</b>	Changed	---
Filter Changed		Client Info		<b>Not Chngd</b>	N/A	---
Sample Status				<b>ABNORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>▲ 26</b>	20	---
Iron	ppm	ASTM D5185m	>31	<b>0</b>	17	---
Chromium	ppm	ASTM D5185m	>9	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Lead	ppm	ASTM D5185m	>11	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>41	<b>&lt;1</b>	7	---
Tin	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

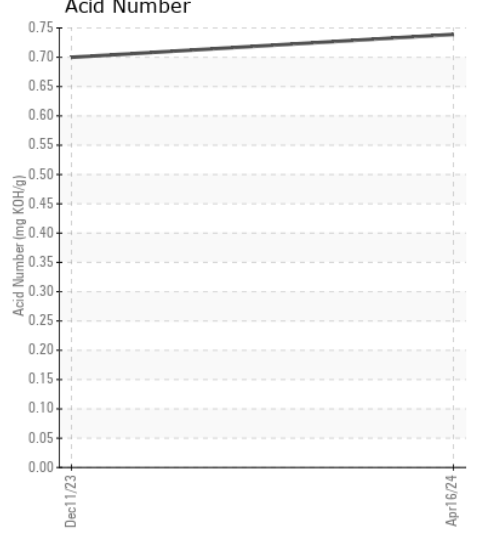
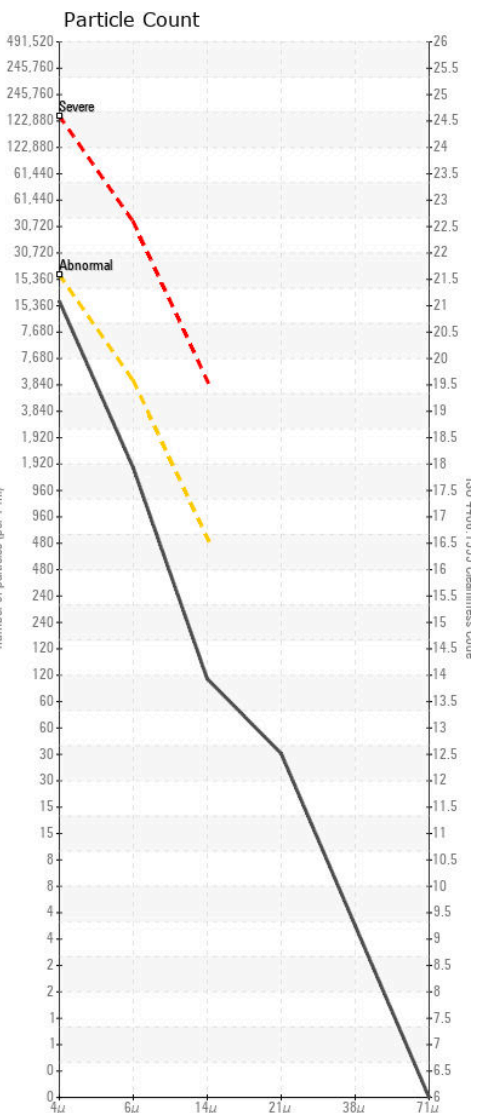
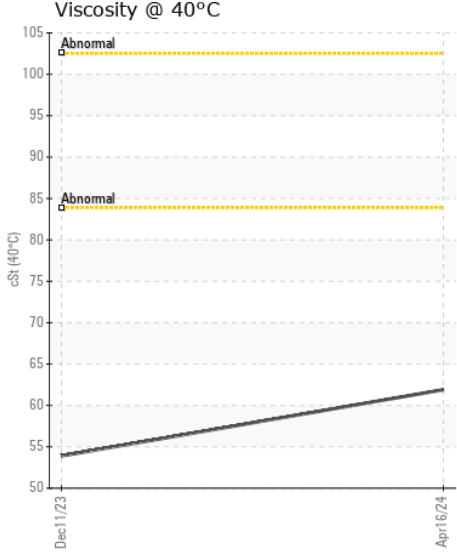
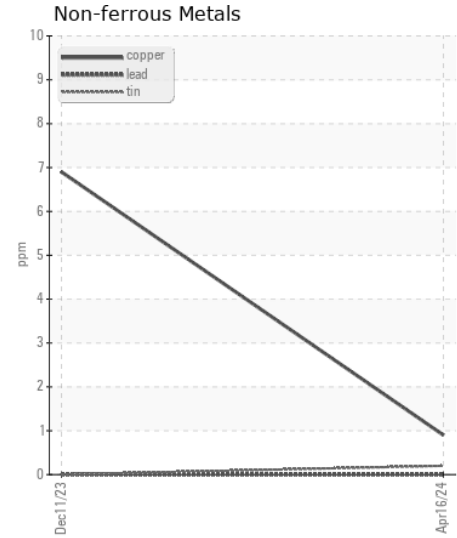
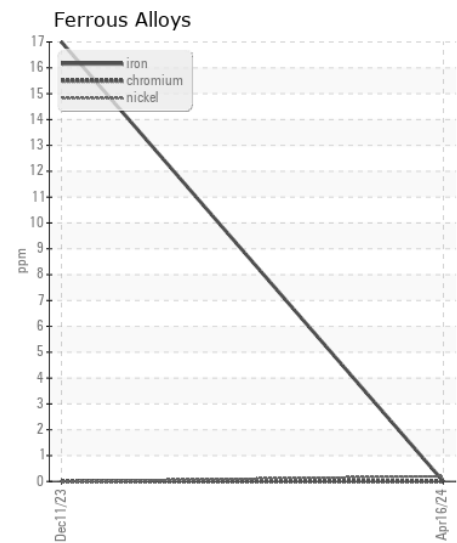
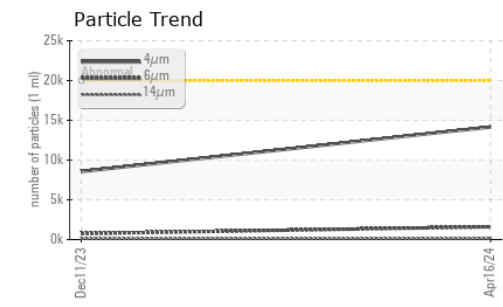
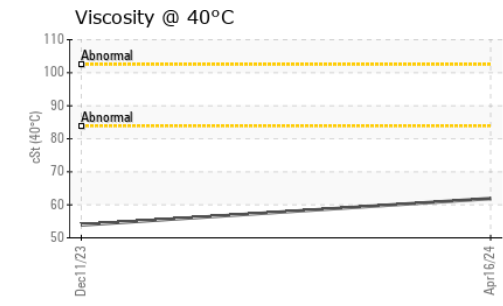
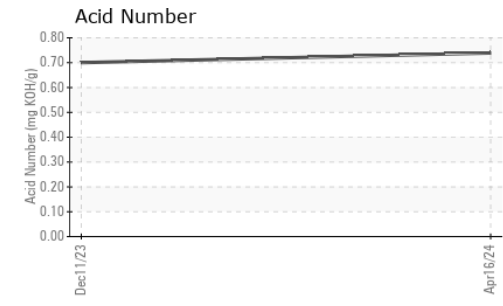
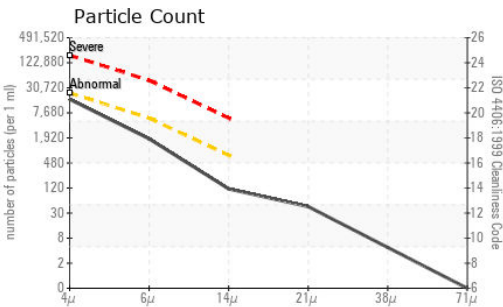
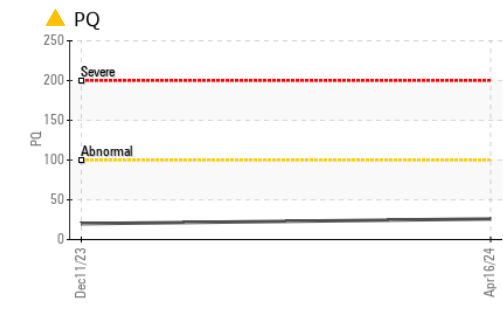
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>31	<b>1</b>	2	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Particles >4µm		ASTM D7647	>20000	<b>14166</b>	8566	---
Particles >6µm		ASTM D7647	>5000	<b>1599</b>	749	---
Particles >14µm		ASTM D7647	>640	<b>101</b>	78	---
Particles >21µm		ASTM D7647	>160	<b>38</b>	22	---
Particles >38µm		ASTM D7647	>40	<b>4</b>	1	---
Particles >71µm		ASTM D7647	>10	<b>0</b>	0	---
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<b>21/18/14</b>	20/17/13	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---

### FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>21	<b>2</b>	0	---
Boron	ppm	ASTM D5185m		<b>&lt;1</b>	5	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	8	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Magnesium	ppm	ASTM D5185m		<b>3</b>	0	---
Calcium	ppm	ASTM D5185m		<b>111</b>	77	---
Phosphorus	ppm	ASTM D5185m		<b>703</b>	603	---
Zinc	ppm	ASTM D5185m		<b>874</b>	818	---
Sulfur	ppm	ASTM D5185m		<b>2126</b>	1061	---
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.739</b>	0.70	---
Visc @ 40°C	cSt	ASTM D445		<b>61.9</b>	53.9	---



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0213023 **Received** : 17 Apr 2024  
**Lab Number** : 06152203 **Tested** : 23 Apr 2024  
**Unique Number** : 10982281 **Diagnosed** : 23 Apr 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: PQ, PRTCOUNT )

**JRE - GARNER**  
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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)