



# OIL ANALYSIS REPORT

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

Area  
**[A35681]**  
 Machine Id  
**JOHN DEERE 750L 1T0750LXLNF432235**  
 Component  
**Hydrostatic**  
 Fluid  
**JOHN DEERE HYDRAU (15 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: A35681 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WE0007629</b>	WE0004880	---
Sample Date		Client Info		<b>17 Jun 2024</b>	01 Sep 2023	---
Machine Age	hrs	Client Info		<b>955</b>	495	---
Oil Age	hrs	Client Info		<b>955</b>	495	---
Filter Age	hrs	Client Info		<b>955</b>	495	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>None</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>19</b>	14	---
Iron	ppm	ASTM D5185m	>31	<b>17</b>	9	---
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>10	<b>2</b>	<1	---
Lead	ppm	ASTM D5185m	>11	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>41	<b>7</b>	6	---
Tin	ppm	ASTM D5185m	>5	<b>0</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

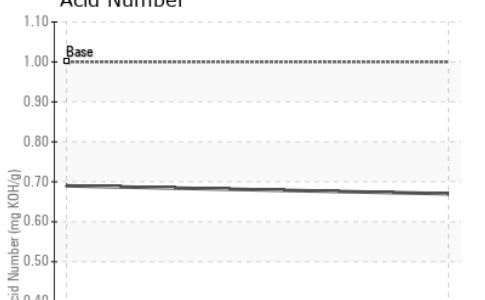
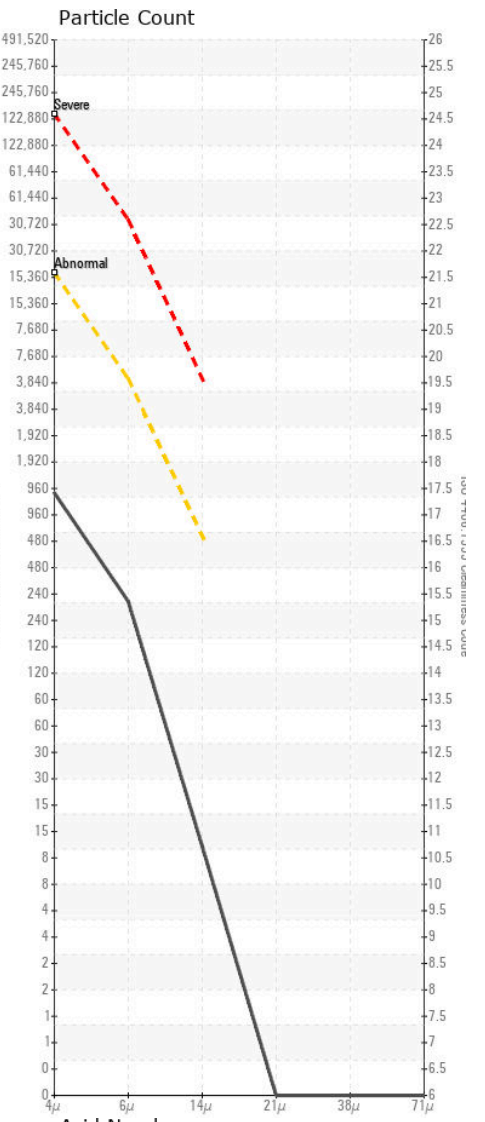
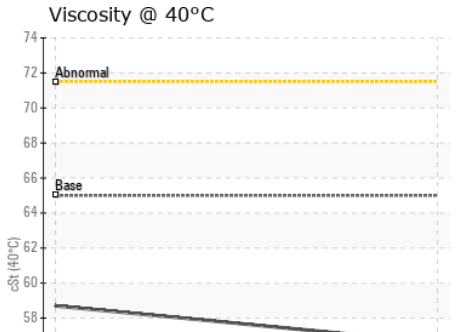
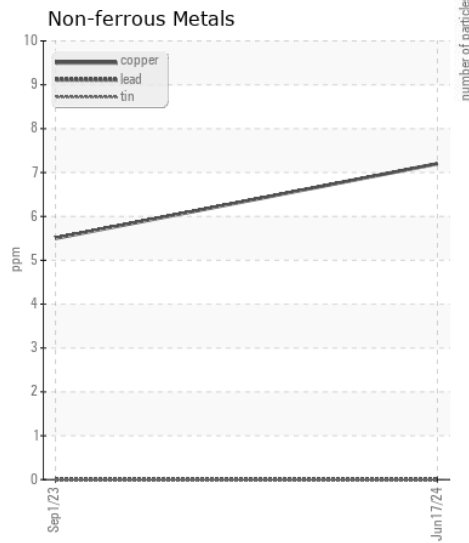
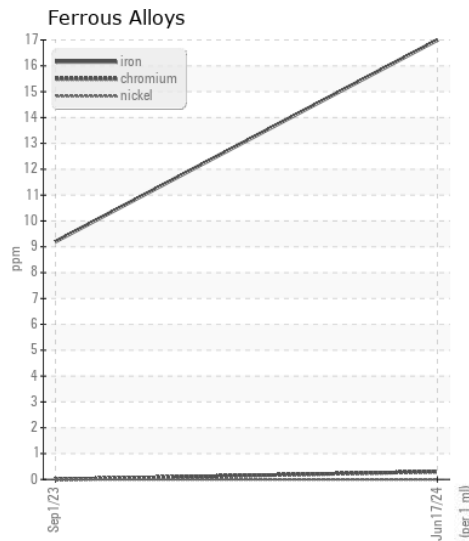
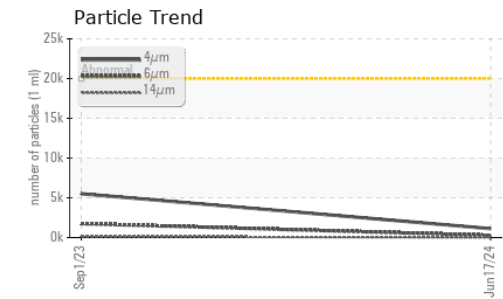
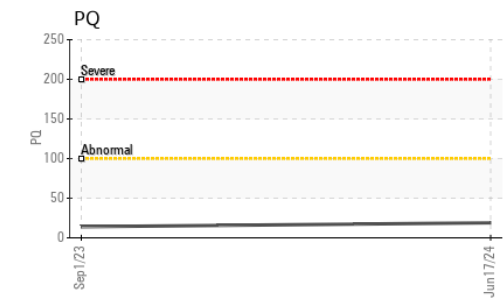
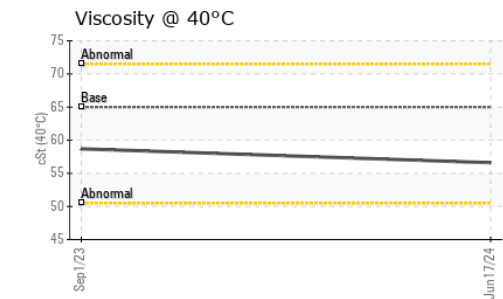
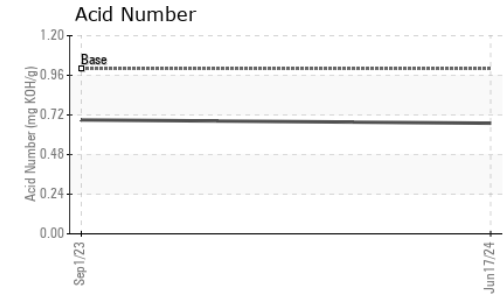
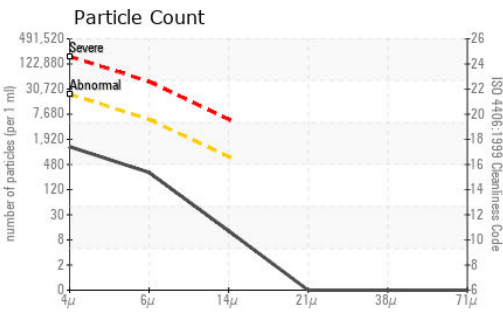
The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>2</b>	1	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	2	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Particles >4µm		ASTM D7647	>20000	<b>1123</b>	5515	---
Particles >6µm		ASTM D7647	>5000	<b>271</b>	1747	---
Particles >14µm		ASTM D7647	>640	<b>11</b>	117	---
Particles >21µm		ASTM D7647	>160	<b>0</b>	17	---
Particles >38µm		ASTM D7647	>40	<b>0</b>	0	---
Particles >71µm		ASTM D7647	>10	<b>0</b>	0	---
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<b>17/15/11</b>	20/18/14	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>LIGHT</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>0</b>	2	---
Boron	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>6</b>	0	---
Calcium	ppm	ASTM D5185m	87	<b>136</b>	109	---
Phosphorus	ppm	ASTM D5185m	727	<b>658</b>	656	---
Zinc	ppm	ASTM D5185m	900	<b>877</b>	881	---
Sulfur	ppm	ASTM D5185m	1500	<b>1606</b>	1965	---
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	<b>0.67</b>	0.69	---
Visc @ 40°C	cSt	ASTM D445	65	<b>56.6</b>	58.7	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WE0007629 **Received** : 19 Jun 2024  
**Lab Number** : 06214559 **Tested** : 20 Jun 2024  
**Unique Number** : 11087423 **Diagnosed** : 21 Jun 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ, PrtCount )

**WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE**  
 25135 ONE AVIATION WAY SW  
 MADISON, AL  
 US 35756  
 Contact: HERBERT STONE  
 WTE013@WARRIORTRACTOR.COM

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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F: