



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

Area

**[16W15504]**

Machine Id

**JOHN DEERE 750L 1T0750LXEMF411340**

Component

**Transmission (Manual)**

Fluid

**JOHN DEERE HYDRAU (15 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: 16W15504 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0196524</b>	JR0173404	JR0136171
Sample Date		Client Info		<b>05 Feb 2024</b>	29 Jul 2023	22 Oct 2022
Machine Age	hrs	Client Info		<b>2008</b>	1567	995
Oil Age	hrs	Client Info		<b>2008</b>	1567	995
Filter Age	hrs	Client Info		<b>2008</b>	1567	995
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>14</b>	16	4
Iron	ppm	ASTM D5185m	>200	<b>19</b>	17	12
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>7	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	0	0
Lead	ppm	ASTM D5185m	>45	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m	>225	<b>8</b>	9	8
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

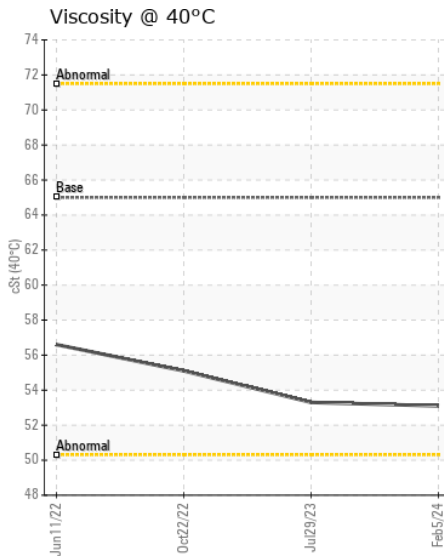
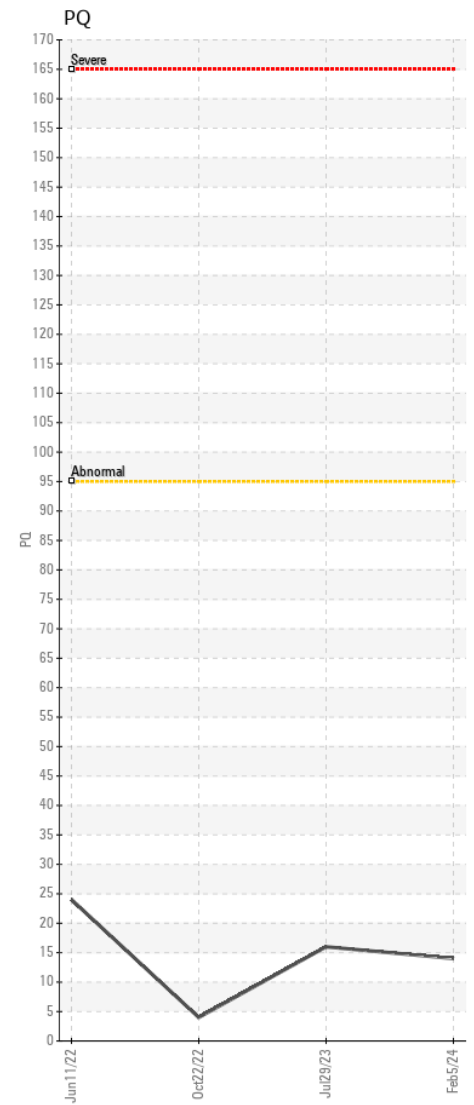
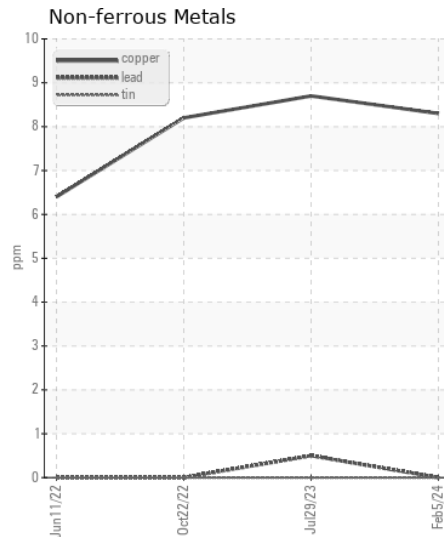
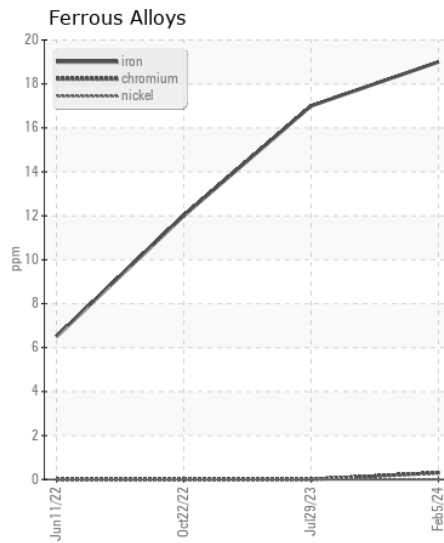
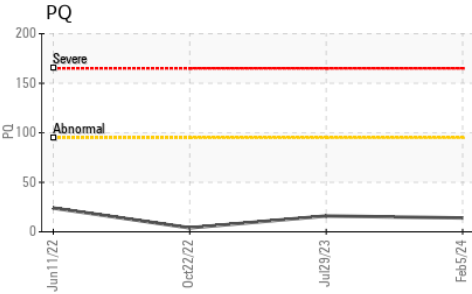
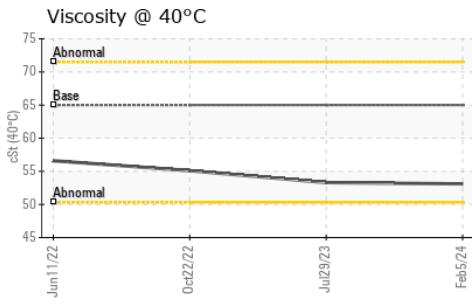
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	<b>&lt;1</b>	<1	2
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	2	0
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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>0</b>	0	<1
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>4</b>	0	2
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>1</b>	0	<1
Calcium	ppm	ASTM D5185m	87	<b>100</b>	87	99
Phosphorus	ppm	ASTM D5185m	727	<b>587</b>	617	637
Zinc	ppm	ASTM D5185m	900	<b>826</b>	825	811
Sulfur	ppm	ASTM D5185m	1500	<b>1477</b>	1733	1912
Visc @ 40°C	cSt	ASTM D445	65	<b>53.1</b>	53.3	55.1



Certificate L2367

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

**Sample No.** : JR0196524

**Lab Number** : 06082709

**Unique Number** : 10870154

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

**Received** : 07 Feb 2024

**Tested** : 08 Feb 2024

**Diagnosed** : 09 Feb 2024 - Sean Felton

**JRE - CASTLE HAYNE**

113 CROWATAN ROAD

CASTLE HAYNE, NC

US 28429-5819

Contact: WILMINGTON SHOP

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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)