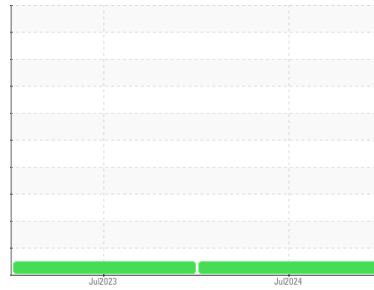


# OIL ANALYSIS REPORT



Machine Id  
**JOHN DEERE 750J 6X25 (S/N T0750JX130818)**  
Component  
**Transmission**  
Fluid  
**JOHN DEERE HYDRAU (--- QTS)**

### Sample Rating Trend



**NORMAL**



### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the fluid.

#### Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>JR0197050</b>	JR0141076	---
Sample Date	Client Info			<b>12 Jul 2024</b>	07 Jul 2023	---
Machine Age	hrs	Client Info		<b>1823</b>	1725	---
Oil Age	hrs	Client Info		<b>1325</b>	1325	---
Oil Changed	Client Info			<b>Not Chngd</b>	Not Chngd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.075	<b>NEG</b>	NEG	---

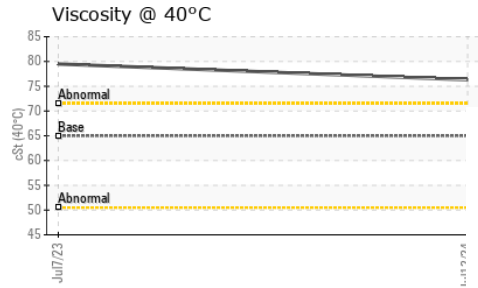
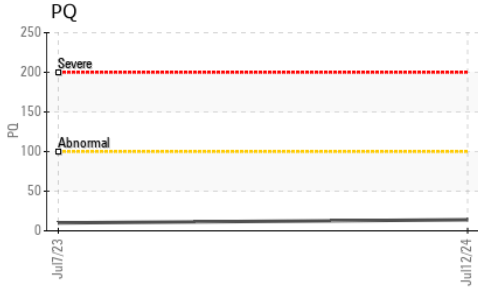
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>100	<b>14</b>	10	---
Iron	ppm	ASTM D5185m	>61	<b>3</b>	3	---
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m		<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>20	<b>1</b>	0	---
Lead	ppm	ASTM D5185m	>9	<b>3</b>	4	---
Copper	ppm	ASTM D5185m	>100	<b>12</b>	11	---
Tin	ppm	ASTM D5185m	>3	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>97</b>	109	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>96</b>	97	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>168</b>	172	---
Calcium	ppm	ASTM D5185m	87	<b>2361</b>	2276	---
Phosphorus	ppm	ASTM D5185m	727	<b>1084</b>	1046	---
Zinc	ppm	ASTM D5185m	900	<b>1209</b>	1263	---
Sulfur	ppm	ASTM D5185m	1500	<b>4474</b>	4529	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>21	<b>4</b>	4	---
Sodium	ppm	ASTM D5185m	>30	<b>5</b>	5	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
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	>0.075	<b>NEG</b>	NEG	---
Free Water	scalar	*Visual		<b>NEG</b>	NEG	---

# OIL ANALYSIS REPORT



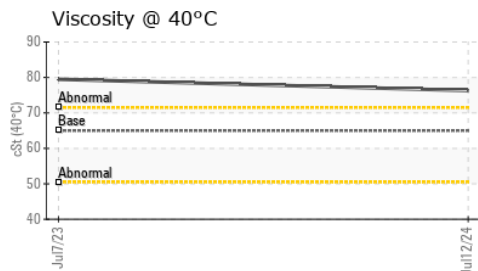
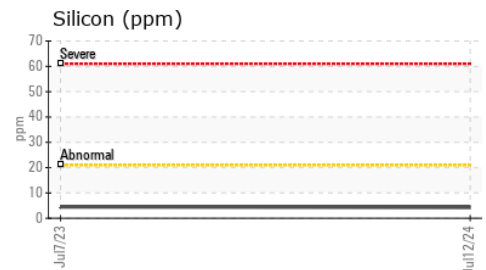
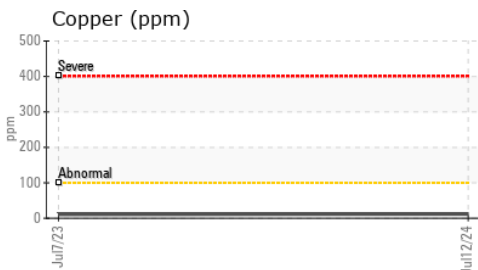
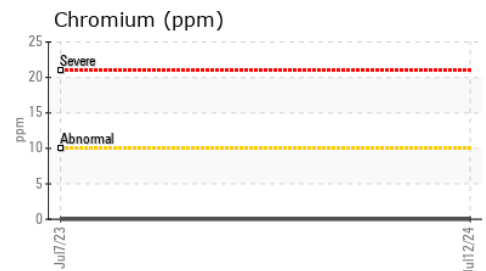
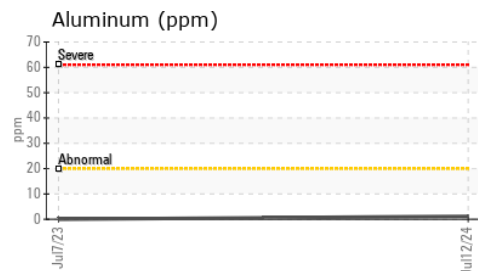
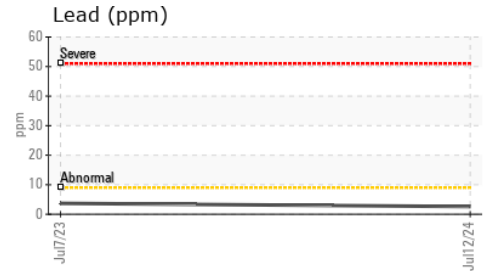
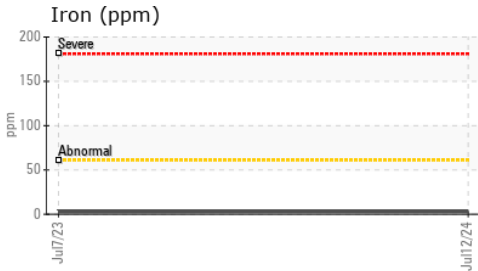
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 65	<b>76.3</b>	79.5	---

### SAMPLE IMAGES

method	limit/base	current	history1	history2
Color		no image	no image	no image
Bottom		no image	no image	no image

### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0197050      **Received** : 16 Jul 2024  
**Lab Number** : 06238020      **Tested** : 17 Jul 2024  
**Unique Number** : 11126854      **Diagnosed** : 18 Jul 2024 - Don Baldrige  
**Test Package** : MOBCE ( Additional Tests: PQ )

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)

**NC FOREST SERVICE**  
 221 AIRPORT RD  
 FAYETTEVILLE, NC  
 US 28306

Contact: WALTER CAPPS  
WATER.CAPPS@NCAGR.GOV

T:  
F: