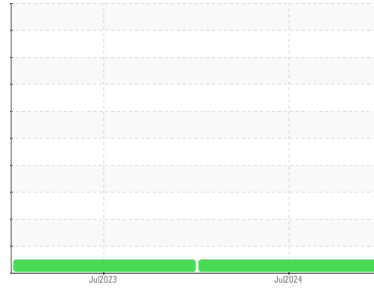


# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Machine Id  
**JOHN DEERE 750C 6X77 (S/N T0750CX844441)**  
 Component  
**Transmission**  
 Fluid  
**JOHN DEERE ENGINE OIL PLUS 50 II 10W30 (--- QTS)**

### 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>JR0197044</b>	JR0141083	---
Sample Date	Client Info			<b>09 Jul 2024</b>	07 Jul 2023	---
Machine Age	hrs	Client Info		<b>3256</b>	3170	---
Oil Age	hrs	Client Info		<b>2855</b>	2855	---
Oil Changed	Client Info			<b>Not Chngd</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

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

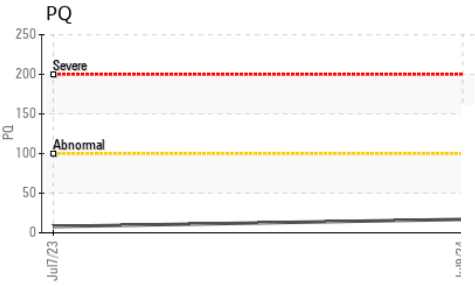
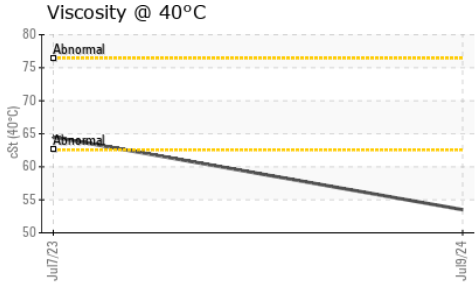
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>100	<b>17</b>	8	---
Iron	ppm	ASTM D5185m	>61	<b>5</b>	3	---
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m		<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	1	---
Aluminum	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	---
Lead	ppm	ASTM D5185m	>9	<b>0</b>	1	---
Copper	ppm	ASTM D5185m	>100	<b>2</b>	53	---
Tin	ppm	ASTM D5185m	>3	<b>0</b>	0	---
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>63</b>	127	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>13</b>	23	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>84</b>	293	---
Calcium	ppm	ASTM D5185m		<b>2042</b>	2124	---
Phosphorus	ppm	ASTM D5185m		<b>994</b>	1076	---
Zinc	ppm	ASTM D5185m		<b>1161</b>	1285	---
Sulfur	ppm	ASTM D5185m		<b>3600</b>	4198	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>21	<b>4</b>	5	---
Sodium	ppm	ASTM D5185m	>30	<b>3</b>	2	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	0	---

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



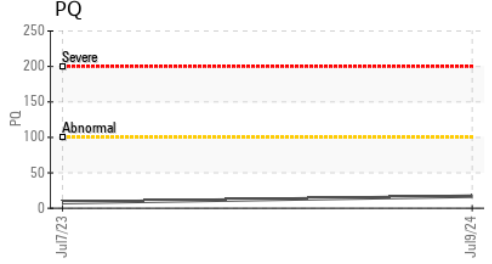
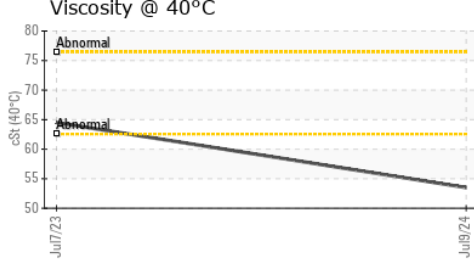
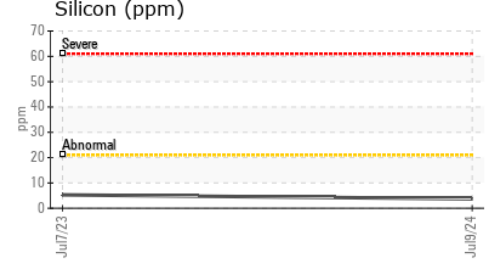
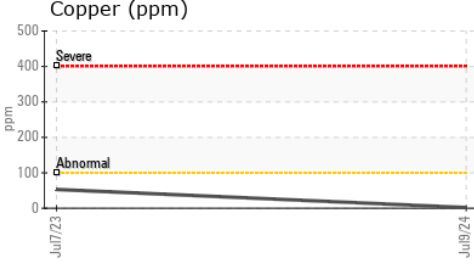
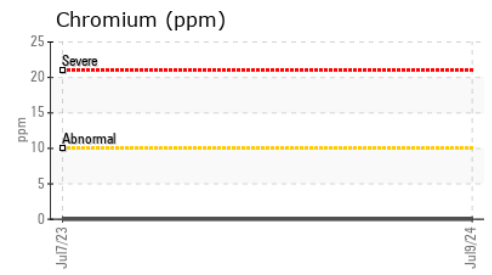
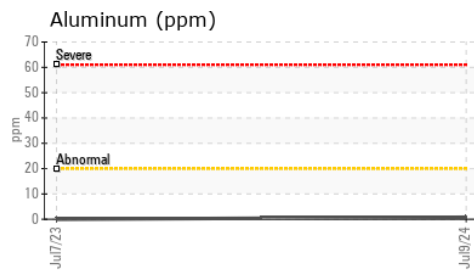
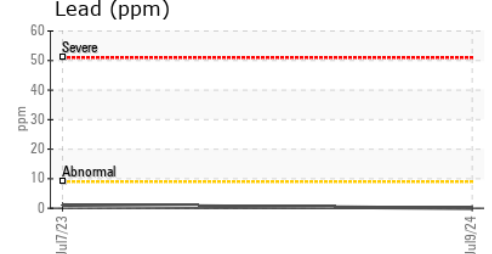
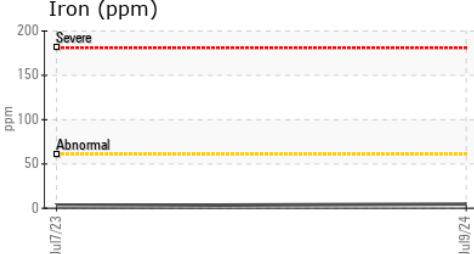
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	53.5	64.5	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	no image	no image	no image	no image	no image
Bottom	no image	no image	no image	no image	no image

GRAPHS
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**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0197044      **Received** : 16 Jul 2024  
**Lab Number** : 06238033      **Tested** : 17 Jul 2024  
**Unique Number** : 11126867      **Diagnosed** : 18 Jul 2024 - Don Baldrige  
**Test Package** : MOBCE ( Additional Tests: PQ )

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

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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 WATER.CAPPS@NCAGR.GOV  
 T:  
 F: