

# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**


Area

**[W49098]**

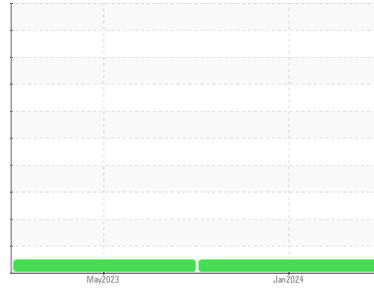
Machine Id

**JOHN DEERE 750L 1T0750LXENF429886**

Component

**Right Outer Final Drive**

Fluid

**JOHN DEERE HY-GARD HYD/TRANS (--- GAL)**

**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 oil.

**Fluid Condition**

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>JR0200168</b>	JR0165050	---
Sample Date	Client Info			<b>11 Jan 2024</b>	09 May 2023	---
Machine Age	hrs	Client Info		<b>1939</b>	969	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed	Client Info			<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

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

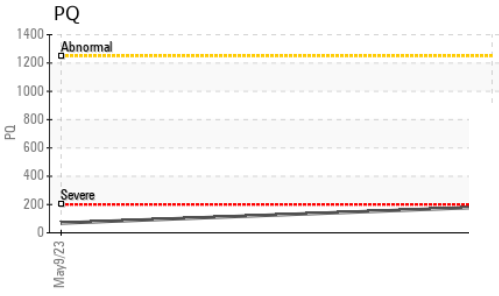
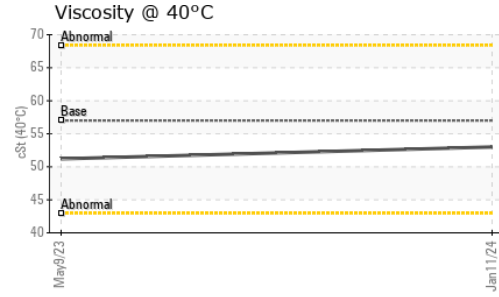
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>1250	<b>184</b>	69	---
Iron	ppm	ASTM D5185m	>750	<b>258</b>	86	---
Chromium	ppm	ASTM D5185m	>9	<b>2</b>	1	---
Nickel	ppm	ASTM D5185m	>10	<b>2</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>2</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>40	<b>12</b>	7	---
Lead	ppm	ASTM D5185m	>15	<b>0</b>	1	---
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	0	---
Tin	ppm	ASTM D5185m	>10	<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	6	<b>4</b>	1	---
Barium	ppm	ASTM D5185m	0	<b>1</b>	0	---
Molybdenum	ppm	ASTM D5185m	0	<b>4</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>2</b>	2	---
Magnesium	ppm	ASTM D5185m	145	<b>118</b>	112	---
Calcium	ppm	ASTM D5185m	3570	<b>3232</b>	3561	---
Phosphorus	ppm	ASTM D5185m	1290	<b>1056</b>	1036	---
Zinc	ppm	ASTM D5185m	1640	<b>1206</b>	1304	---
Sulfur	ppm	ASTM D5185m		<b>3848</b>	4214	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	<b>74</b>	16	---
Sodium	ppm	ASTM D5185m	>51	<b>2</b>	2	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	4	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual	NONE	<b>LIGHT</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	---

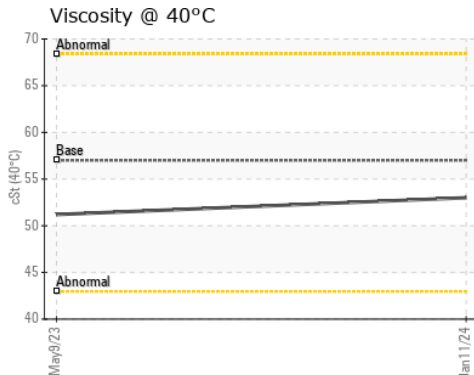
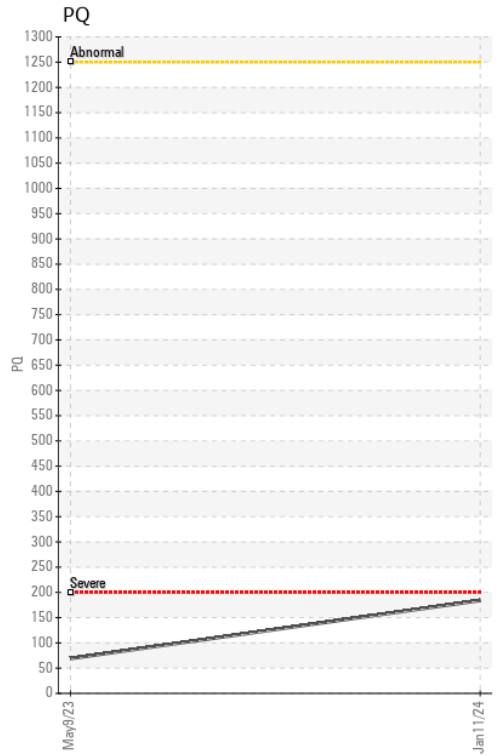
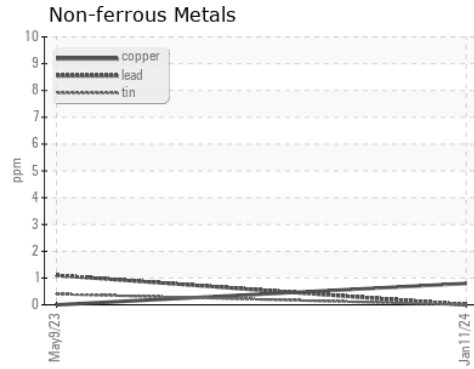
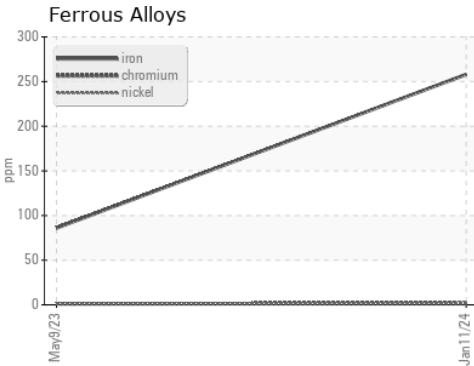
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.0	<b>53.0</b>	51.2	---

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.** : JR0200168      **Received** : 17 Jan 2024  
**Lab Number** : **06063090**      **Diagnosed** : 18 Jan 2024  
**Unique Number** : 10834472      **Diagnostician** : Wes Davis  
**Test Package** : CONST ( 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)

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