



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

Area  
**[05W44323]**  
 Machine Id  
**JOHN DEERE 850L 1T0850LXVPF446530**  
 Component  
**Transmission (Manual)**  
 Fluid  
**JOHN DEERE HYDRAU (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0199099</b>	JR0183991	---
Sample Date		Client Info		<b>15 Jan 2024</b>	28 Aug 2023	---
Machine Age	hrs	Client Info		<b>983</b>	474	---
Oil Age	hrs	Client Info		<b>983</b>	0	---
Filter Age	hrs	Client Info		<b>983</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>12</b>	11	---
Iron	ppm	ASTM D5185m	>200	<b>14</b>	8	---
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m	>7	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	<1	---
Lead	ppm	ASTM D5185m	>45	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>225	<b>3</b>	2	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

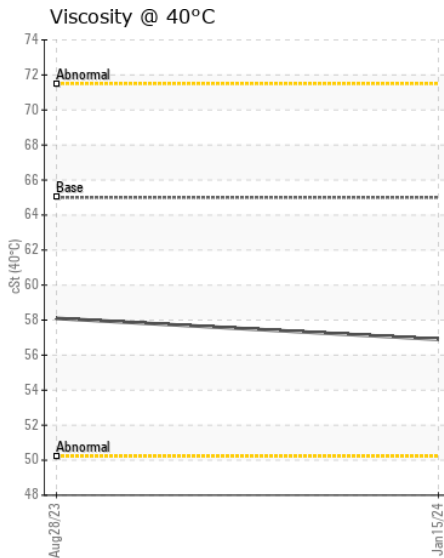
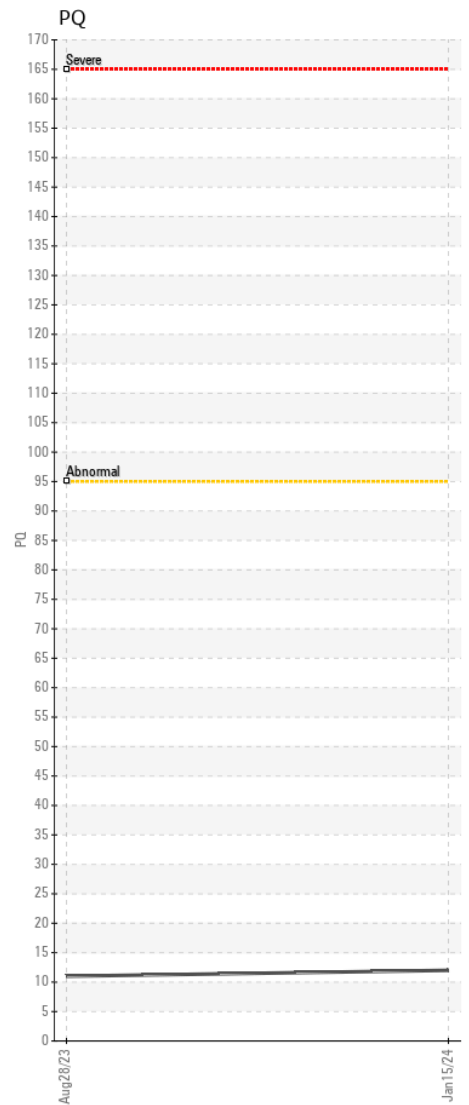
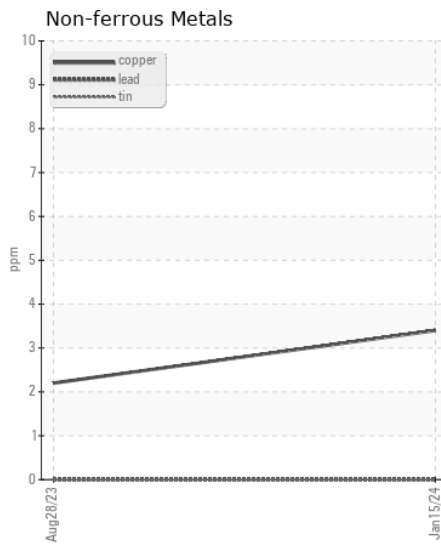
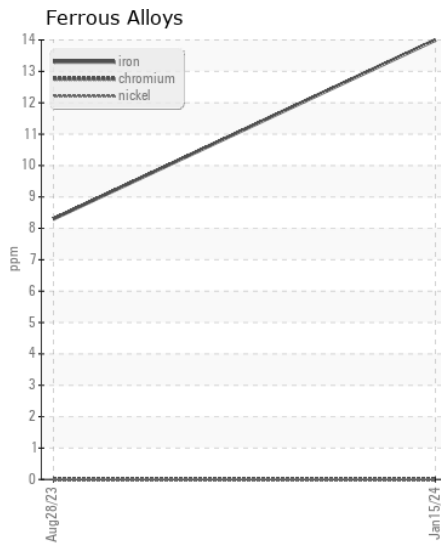
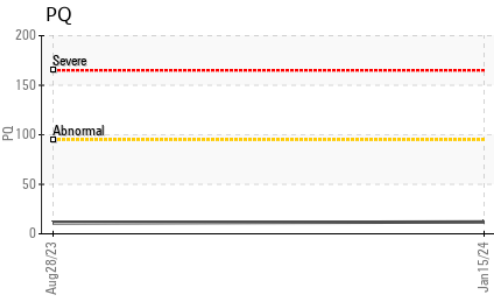
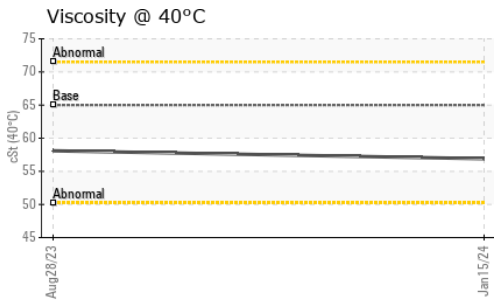
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	<b>&lt;1</b>	<1	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	3	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
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	>0.1	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Boron	ppm	ASTM D5185m		<b>0</b>	0	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>4</b>	3	---
Calcium	ppm	ASTM D5185m	87	<b>148</b>	126	---
Phosphorus	ppm	ASTM D5185m	727	<b>656</b>	689	---
Zinc	ppm	ASTM D5185m	900	<b>816</b>	878	---
Sulfur	ppm	ASTM D5185m	1500	<b>1722</b>	2042	---
Visc @ 40°C	cSt	ASTM D445	65	<b>56.9</b>	58.1	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0199099 **Received** : 17 Jan 2024  
**Lab Number** : 06063813 **Diagnosed** : 19 Jan 2024  
**Unique Number** : 10835195 **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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