



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



Machine Id  
**JOHN DEERE 850K 1T0850KXCJF329773**  
 Component  
**Transmission**  
 Fluid  
**{not provided} (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0218743</b>	JR0127993	JR0108902
Sample Date		Client Info		<b>07 Jun 2024</b>	27 Apr 2022	16 Nov 2021
Machine Age	hrs	Client Info		<b>6392</b>	3973	3951
Oil Age	hrs	Client Info		<b>0</b>	500	0
Filter Age	hrs	Client Info		<b>0</b>	500	0
Oil Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	<b>21</b>	24	23
Iron	ppm	ASTM D5185m	>61	<b>14</b>	24	28
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	7	9
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185m	>20	<b>1</b>	8	9
Lead	ppm	ASTM D5185m	>9	<b>8</b>	2	1
Copper	ppm	ASTM D5185m	>100	<b>15</b>	13	14
Tin	ppm	ASTM D5185m	>3	<b>&lt;1</b>	<1	<1
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

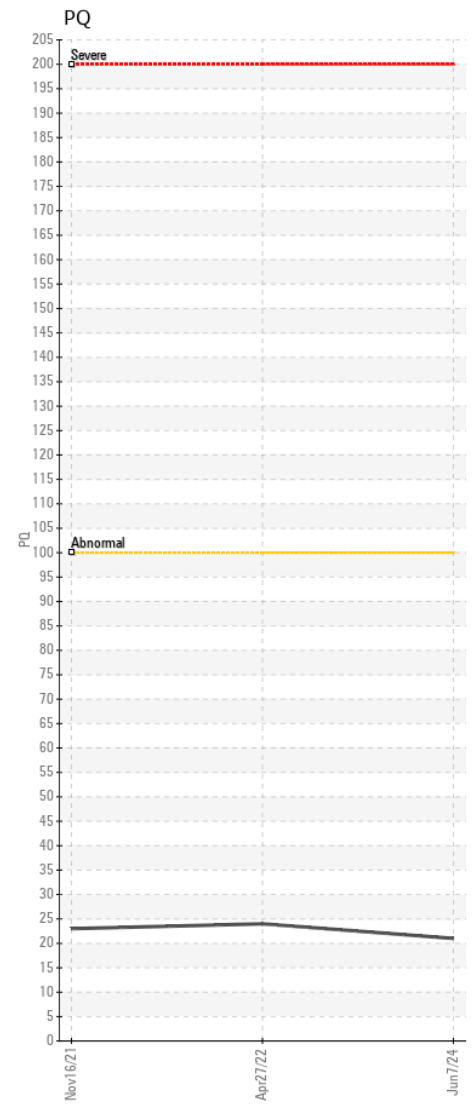
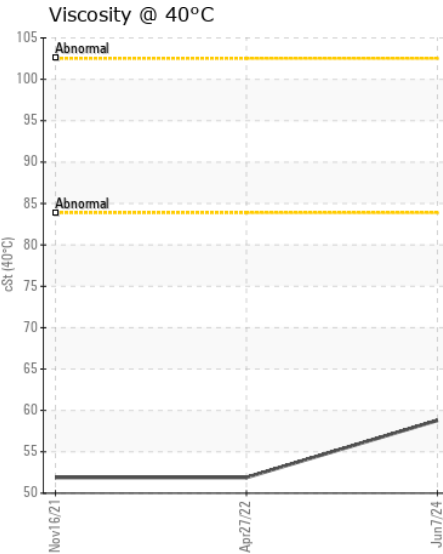
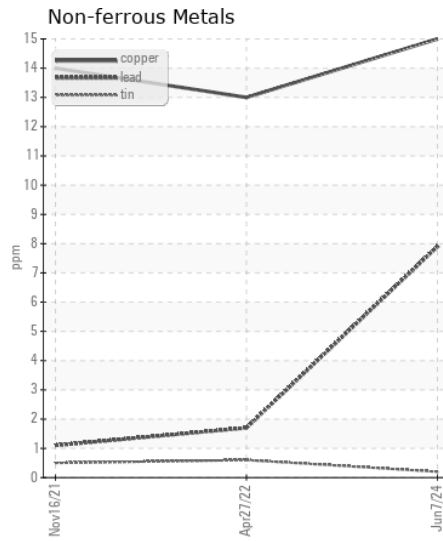
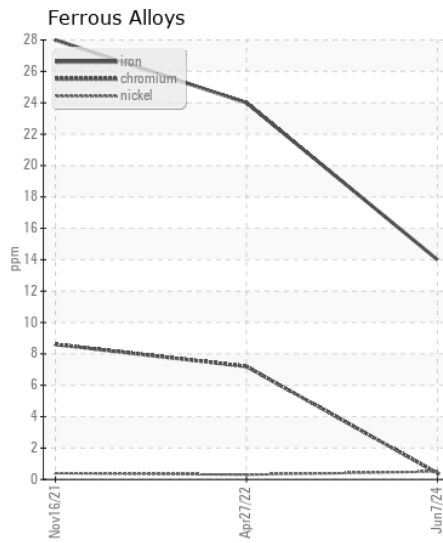
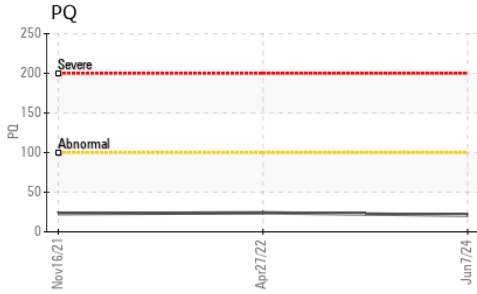
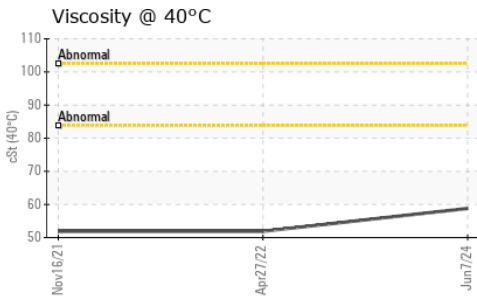
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>21	<b>6</b>	13	15
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	3	3
Water		WC Method	>0.075	<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	>0.075	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>30	<b>2</b>	2	1
Boron	ppm	ASTM D5185m		<b>68</b>	4	0
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>62</b>	1	2
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>219</b>	8	4
Calcium	ppm	ASTM D5185m		<b>634</b>	522	450
Phosphorus	ppm	ASTM D5185m		<b>650</b>	580	572
Zinc	ppm	ASTM D5185m		<b>853</b>	749	785
Sulfur	ppm	ASTM D5185m		<b>1989</b>	1794	1888
Visc @ 40°C	cSt	ASTM D445		<b>58.8</b>	51.9	51.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0218743 **Received** : 14 Jun 2024  
**Lab Number** : 06210389 **Tested** : 17 Jun 2024  
**Unique Number** : 11083253 **Diagnosed** : 18 Jun 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - ASHEVILLE**  
 101 BRUCE DRIVE  
 ASHEVILLE, NC  
 US 28806

Contact: Randy Warren  
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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)

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