



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



Machine Id  
**JOHN DEERE 624K 1DW624KZLJF687274**  
Component  
**Transmission (Manual)**  
Fluid  
**TDTO FLUID SAE 10W (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0139065</b>	JR0079884	---
Sample Date		Client Info		<b>25 Aug 2022</b>	18 Feb 2021	---
Machine Age	hrs	Client Info		<b>985</b>	387	---
Oil Age	hrs	Client Info		<b>0</b>	387	---
Filter Age	hrs	Client Info		<b>0</b>	387	---
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>16</b>	24	---
Iron	ppm	ASTM D5185m	>200	<b>28</b>	19	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m	>7	<b>&lt;1</b>	<1	---
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	0	---
Lead	ppm	ASTM D5185m	>45	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m	>225	<b>10</b>	9	---
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

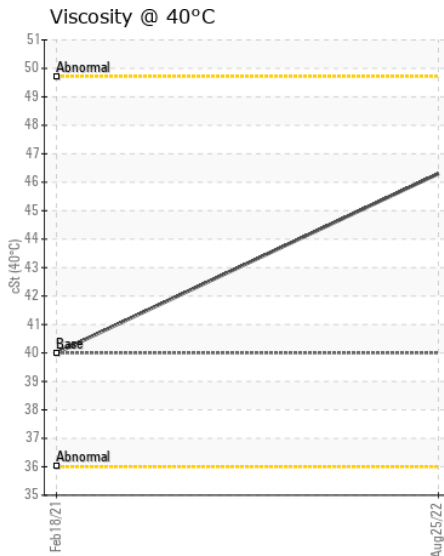
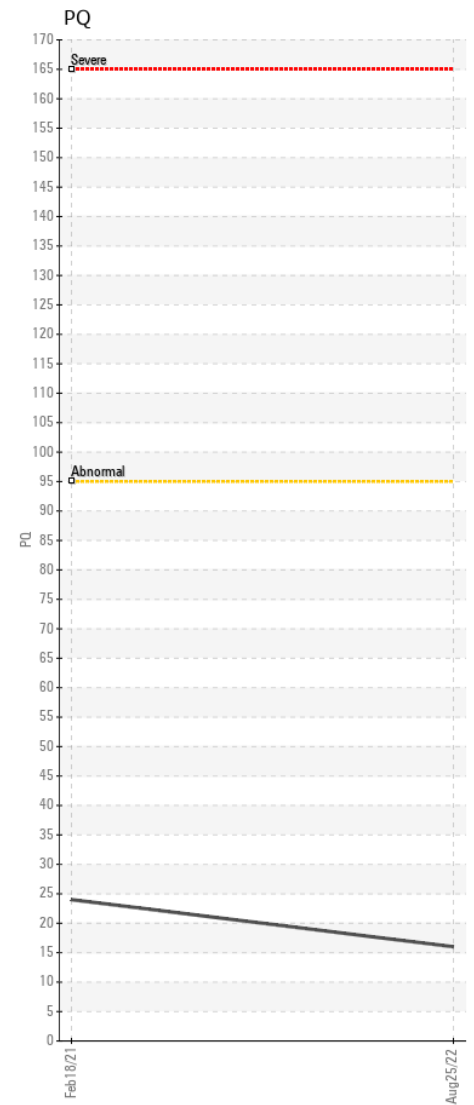
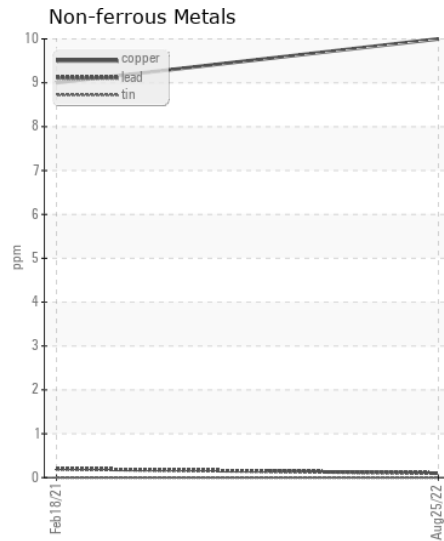
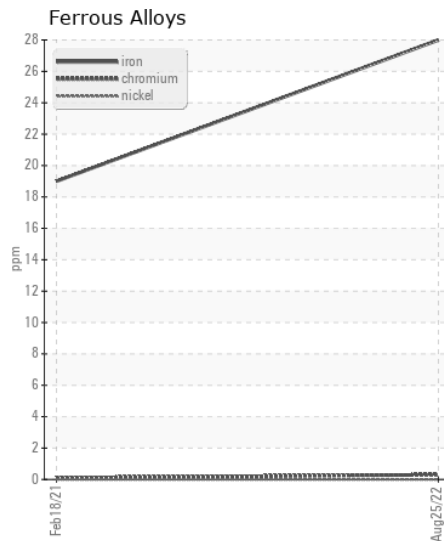
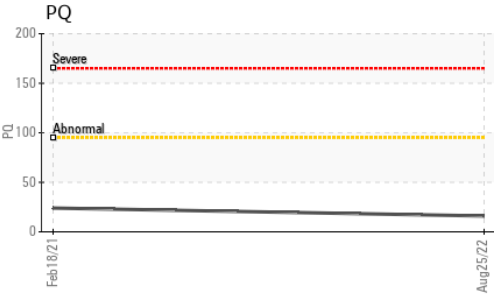
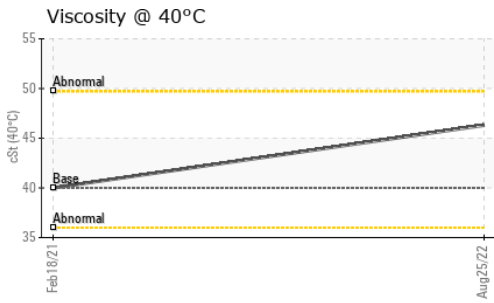
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	<b>14</b>	10	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	---
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>17</b>	17	---
Boron	ppm	ASTM D5185m	37	<b>59</b>	60	---
Barium	ppm	ASTM D5185m	7	<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185m	5	<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m	40	<b>53</b>	58	---
Calcium	ppm	ASTM D5185m	2650	<b>2115</b>	2138	---
Phosphorus	ppm	ASTM D5185m	1050	<b>772</b>	779	---
Zinc	ppm	ASTM D5185m	1075	<b>864</b>	826	---
Sulfur	ppm	ASTM D5185m	5750	<b>2686</b>	2362	---
Visc @ 40°C	cSt	ASTM D445	40	<b>46.3</b>	40.0	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0139065 **Received** : 30 Aug 2022  
**Lab Number** : 05630117 **Diagnosed** : 31 Aug 2022  
**Unique Number** : 10114638 **Diagnostician** : Don Baldrige  
**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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