



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

Area

**[W11085]**

Machine Id

**JOHN DEERE 655K 1T0655KXAMF396960**

Component

**4 Hydrostatic**

Fluid

**{not provided} (--- GAL)**

### RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0074533</b>	---	---
Sample Date		Client Info		<b>27 Feb 2024</b>	---	---
Machine Age	hrs	Client Info		<b>2118</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>31	<b>69</b>	---	---
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185m		<b>0</b>	---	---
Silver	ppm	ASTM D5185m		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>10	<b>1</b>	---	---
Lead	ppm	ASTM D5185m	>11	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185m	>41	<b>0</b>	---	---
Tin	ppm	ASTM D5185m	>5	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

### CONTAMINATION

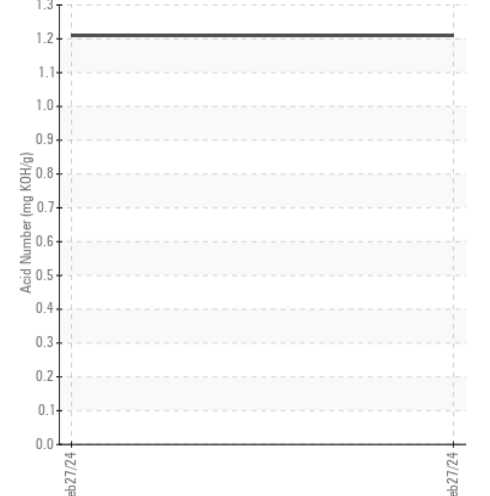
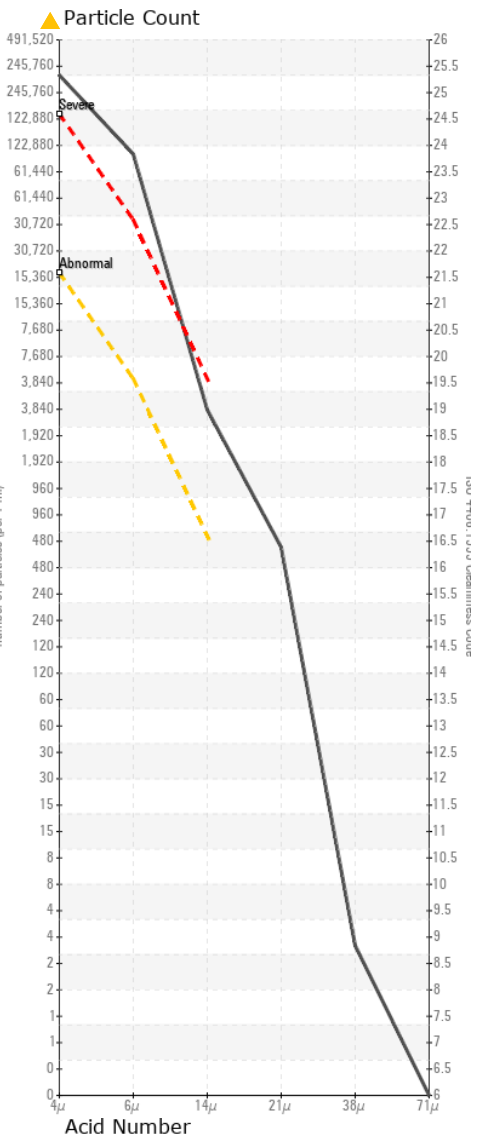
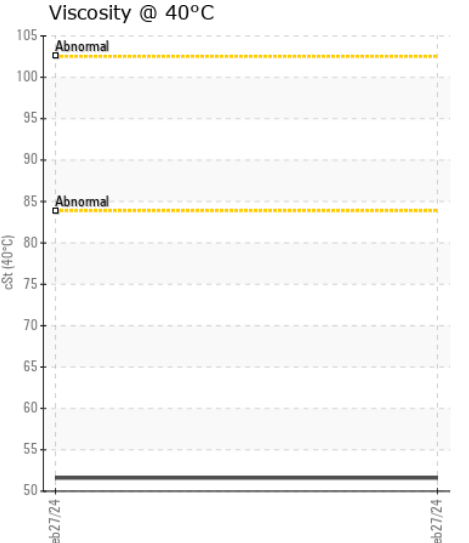
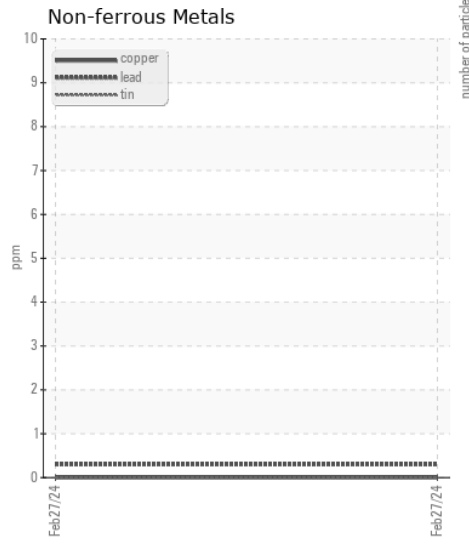
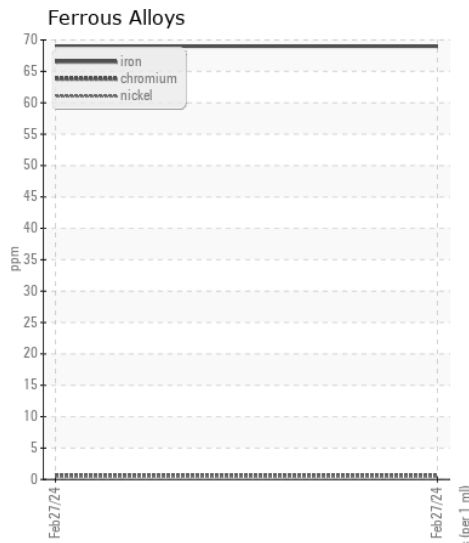
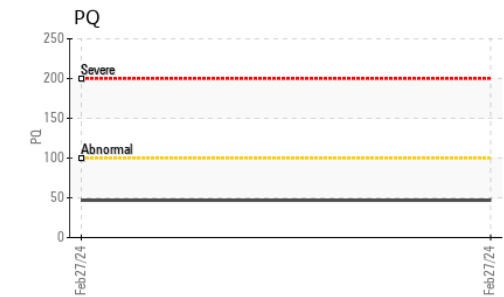
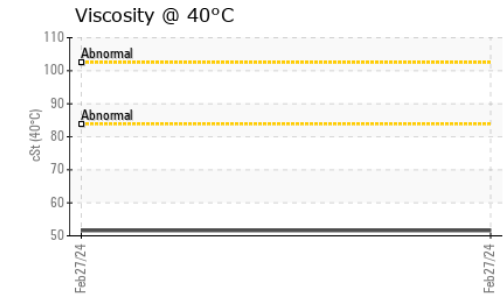
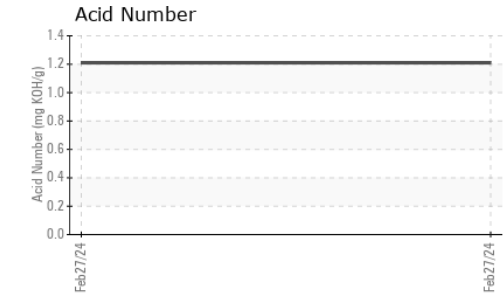
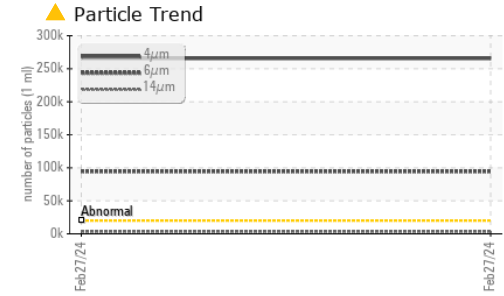
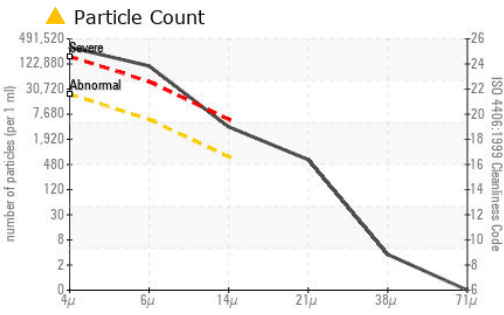
There is a high amount of particulates present in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>8</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>5</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Particles >4µm		ASTM D7647	>20000	<b>▲ 265574</b>	---	---
Particles >6µm		ASTM D7647	>5000	<b>▲ 94528</b>	---	---
Particles >14µm		ASTM D7647	>640	<b>▲ 3331</b>	---	---
Particles >21µm		ASTM D7647	>160	<b>▲ 550</b>	---	---
Particles >38µm		ASTM D7647	>40	<b>3</b>	---	---
Particles >71µm		ASTM D7647	>10	<b>0</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<b>▲ 25/24/19</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	---	---

### FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>21	<b>4</b>	---	---
Boron	ppm	ASTM D5185m		<b>2</b>	---	---
Barium	ppm	ASTM D5185m		<b>5</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	---	---
Manganese	ppm	ASTM D5185m		<b>1</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>95</b>	---	---
Calcium	ppm	ASTM D5185m		<b>3173</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>946</b>	---	---
Zinc	ppm	ASTM D5185m		<b>1087</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>3189</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>1.21</b>	---	---
Visc @ 40°C	cSt	ASTM D445		<b>51.6</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0074533 **Received** : 01 Mar 2024  
**Lab Number** : 06105976 **Tested** : 04 Mar 2024  
**Unique Number** : 10909473 **Diagnosed** : 05 Mar 2024 - Don Baldrige  
**Test Package** : MOBCE ( Additional Tests: PQ, PrtCount )

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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