



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

Machine Id  
**JOHN DEERE 331G 1T0331GKCKF347732 (S/N 1T0331GKCKF357732)**

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>JR0210454</b>	JR0031879	---
Sample Date		Client Info		<b>08 May 2024</b>	26 Jul 2020	---
Machine Age	hrs	Client Info		<b>310</b>	310	---
Oil Age	hrs	Client Info		<b>310</b>	310	---
Filter Age	hrs	Client Info		<b>310</b>	310	---
Oil Changed		Client Info		<b>N/A</b>	N/A	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	<b>22</b>	31	---
Iron	ppm	ASTM D5185m	>61	<b>28</b>	19	---
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	<1	---
Nickel	ppm	ASTM D5185m		<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>20	<b>3</b>	2	---
Lead	ppm	ASTM D5185m	>9	<b>&lt;1</b>	1	---
Copper	ppm	ASTM D5185m	>100	<b>8</b>	11	---
Tin	ppm	ASTM D5185m	>3	<b>&lt;1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

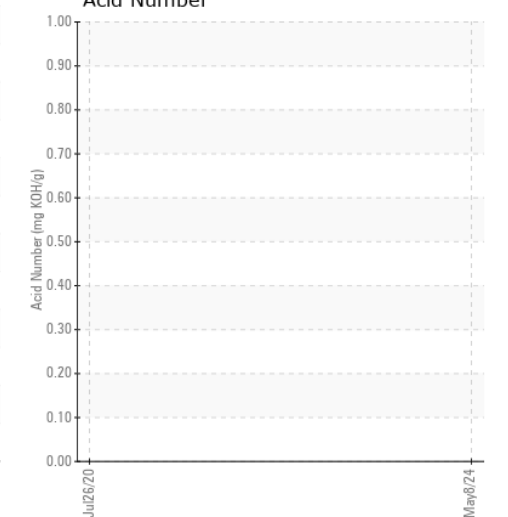
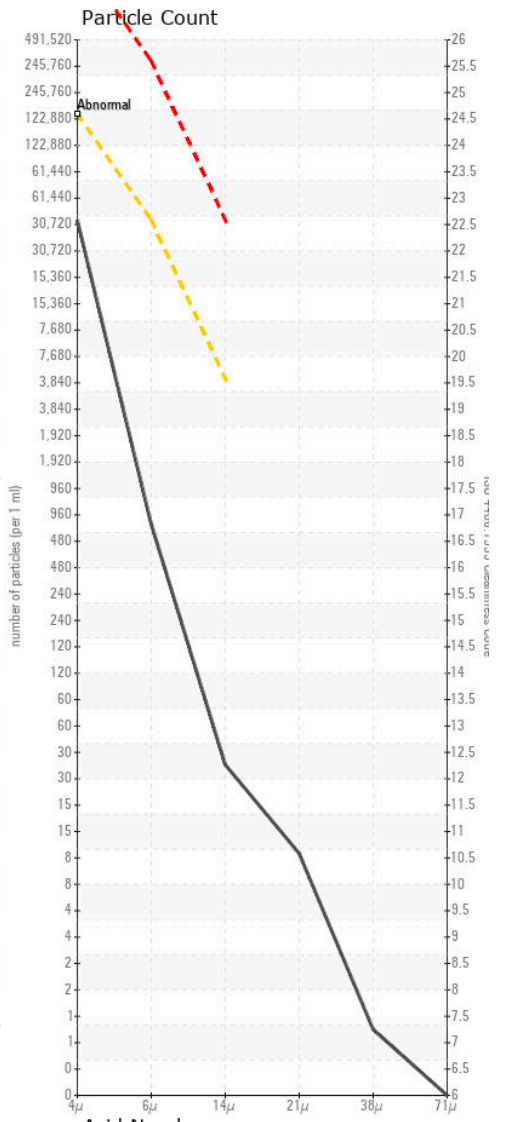
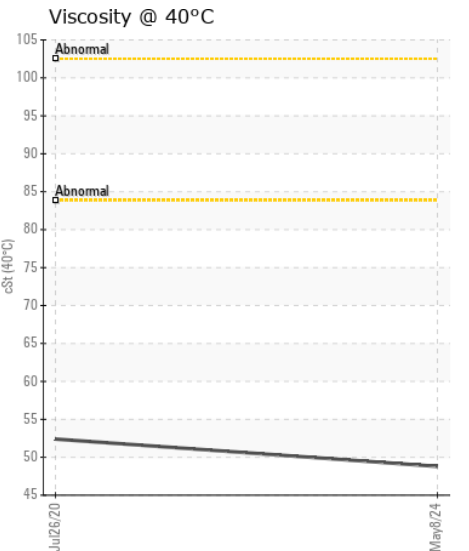
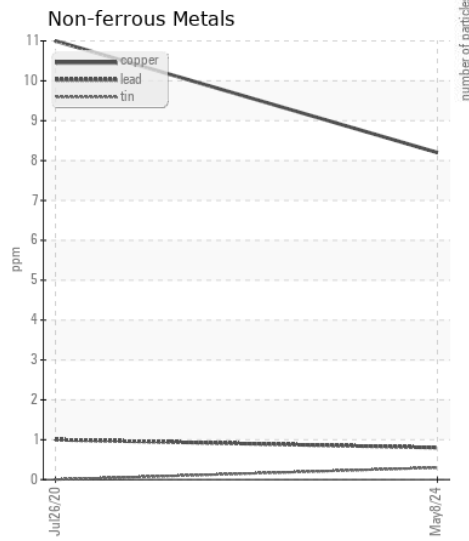
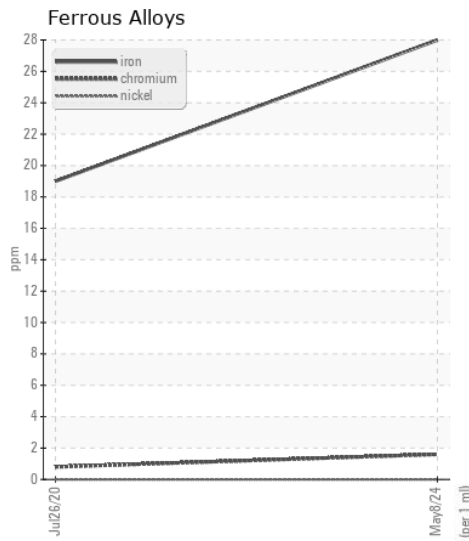
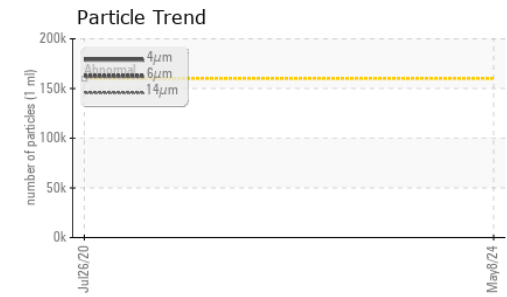
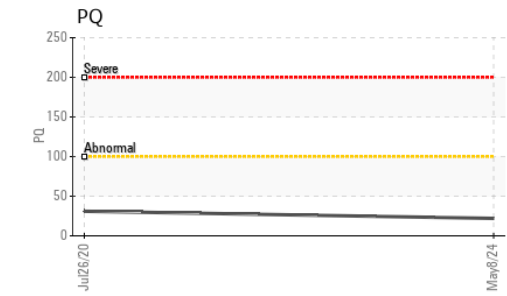
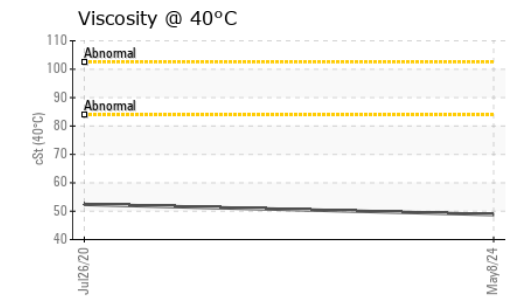
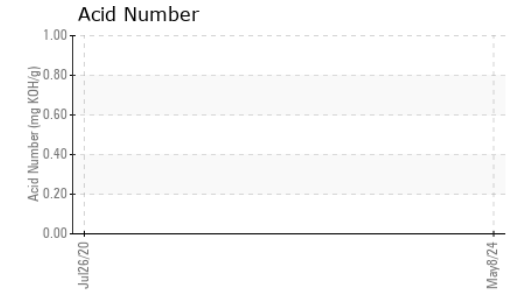
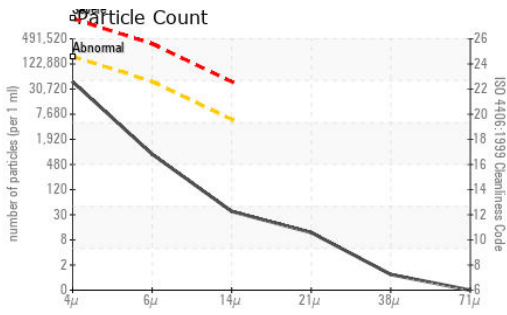
The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	<b>8</b>	6	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	---
Water		WC Method	>0.075	<b>NEG</b>	NEG	---
Particles >4µm		ASTM D7647	>160000	<b>39836</b>	---	---
Particles >6µm		ASTM D7647	>40000	<b>743</b>	---	---
Particles >14µm		ASTM D7647	>5000	<b>32</b>	---	---
Particles >21µm		ASTM D7647	>1300	<b>10</b>	---	---
Particles >38µm		ASTM D7647	>320	<b>1</b>	---	---
Particles >71µm		ASTM D7647	>80	<b>0</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>24/22/19	<b>22/17/12</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	---
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	---

### FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Sodium	ppm	ASTM D5185m	>30	<b>0</b>	2	---
Boron	ppm	ASTM D5185m		<b>36</b>	<1	---
Barium	ppm	ASTM D5185m		<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185m		<b>26</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>84</b>	2	---
Calcium	ppm	ASTM D5185m		<b>632</b>	91	---
Phosphorus	ppm	ASTM D5185m		<b>637</b>	584	---
Zinc	ppm	ASTM D5185m		<b>760</b>	754	---
Sulfur	ppm	ASTM D5185m		<b>2153</b>	1324	---
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.93</b>	---	---
Visc @ 40°C	cSt	ASTM D445		<b>48.8</b>	52.4	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0210454 **Received** : 10 May 2024  
**Lab Number** : 06175347 **Tested** : 13 May 2024  
**Unique Number** : 11021400 **Diagnosed** : 13 May 2024 - Don Baldrige  
**Test Package** : CONST ( 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)

**JRE - STEPHENSON**  
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