



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area  
**[W65773]**  
 Machine Id  
**JOHN DEERE 325G 1T0325GKAPJ455595**  
 Component  
**Hydraulic System**  
 Fluid  
**{not provided} (10 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: W65773 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0206111	---	---
Sample Date		Client Info		18 Apr 2024	---	---
Machine Age	hrs	Client Info		539	---	---
Oil Age	hrs	Client Info		539	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	16	---	---
Iron	ppm	ASTM D5185m	>32	4	---	---
Chromium	ppm	ASTM D5185m	>9	0	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>9	<1	---	---
Lead	ppm	ASTM D5185m	>28	<1	---	---
Copper	ppm	ASTM D5185m	>50	5	---	---
Tin	ppm	ASTM D5185m	>5	0	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

### CONTAMINATION

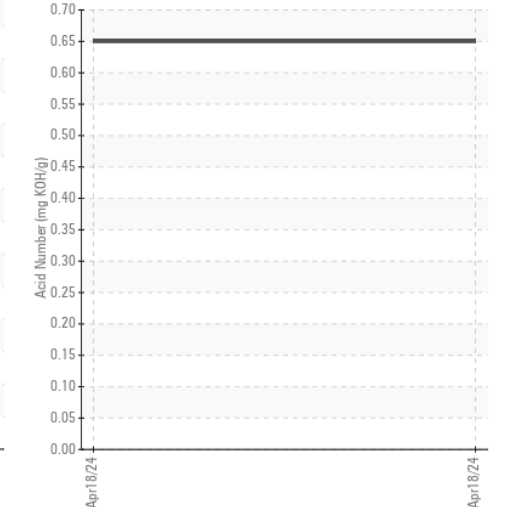
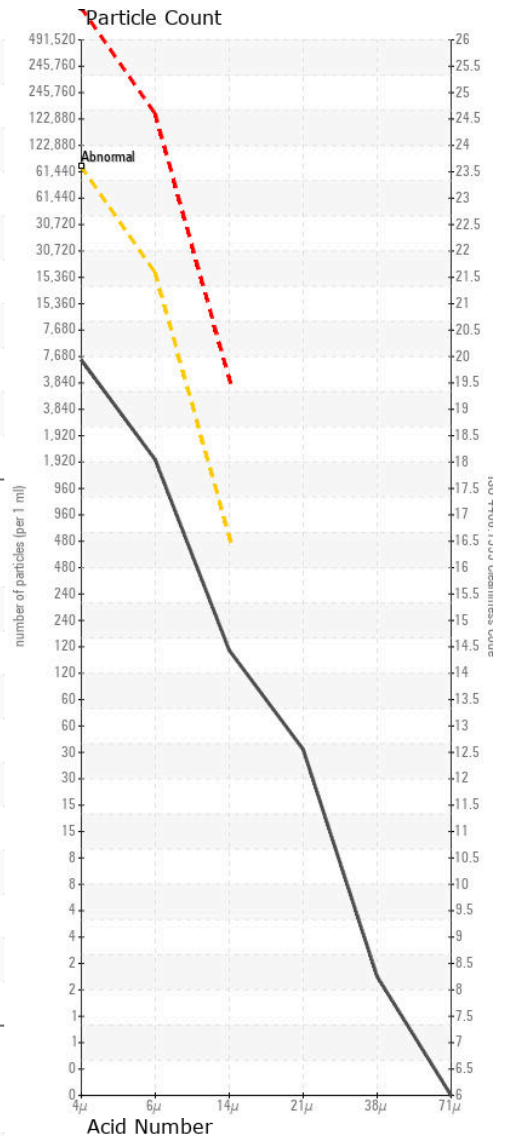
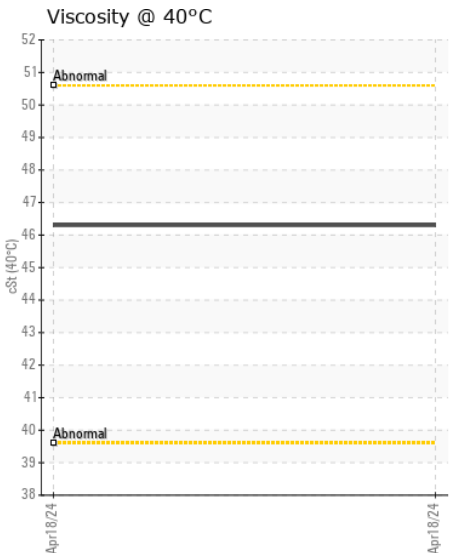
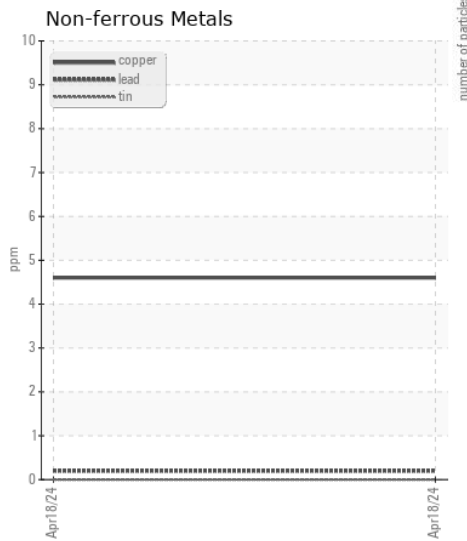
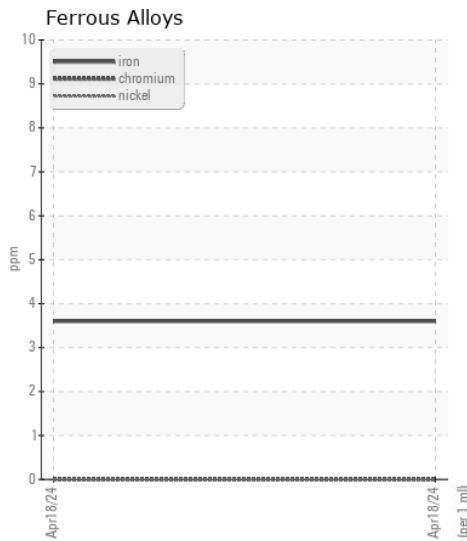
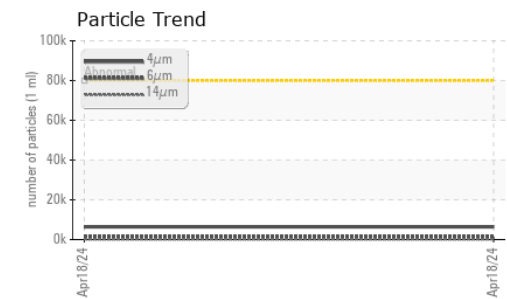
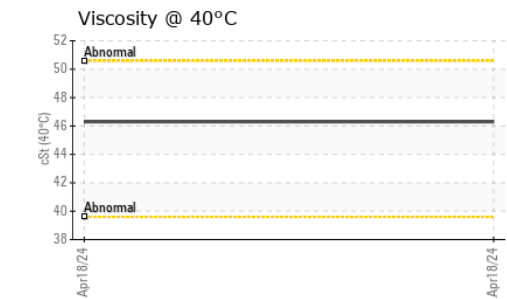
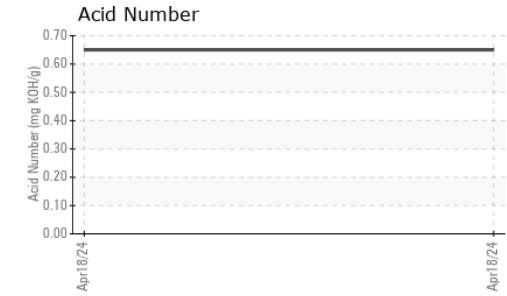
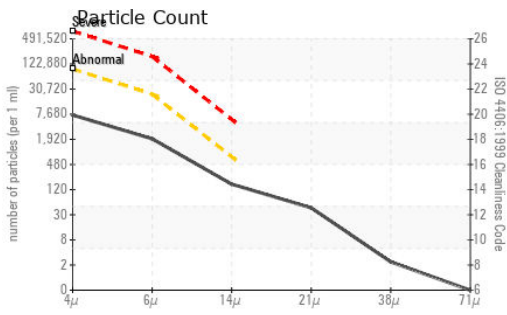
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>11	12	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water		WC Method	>0.075	NEG	---	---
Particles >4µm		ASTM D7647	>80000	6390	---	---
Particles >6µm		ASTM D7647	>20000	1731	---	---
Particles >14µm		ASTM D7647	>640	143	---	---
Particles >21µm		ASTM D7647	>160	39	---	---
Particles >38µm		ASTM D7647	>40	2	---	---
Particles >71µm		ASTM D7647	>10	0	---	---
Oil Cleanliness		ISO 4406 (c)	>23/21/16	20/18/14	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.075	NEG	---	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>21	0	---	---
Boron	ppm	ASTM D5185m		9	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		9	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		33	---	---
Calcium	ppm	ASTM D5185m		388	---	---
Phosphorus	ppm	ASTM D5185m		496	---	---
Zinc	ppm	ASTM D5185m		629	---	---
Sulfur	ppm	ASTM D5185m		1637	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.65	---	---
Visc @ 40°C	cSt	ASTM D445		46.3	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0206111 **Received** : 22 Apr 2024  
**Lab Number** : 06155804 **Tested** : 23 Apr 2024  
**Unique Number** : 10991227 **Diagnosed** : 24 Apr 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: PQ )

**CARLTON'S BACKHOE**  
 9550 STATESVILLE ROAD  
 CHARLOTTE, NC  
 US 28269  
 Contact: LEO

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)

T: (704)547-0211

F: