



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

Machine Id  
**JOHN DEERE 325G 1T0325GKANJ426322**

Component  
**Hydraulic System**

Fluid  
**JOHN DEERE HYDRAU (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0218737</b>	JR0201381	JR0176795
Sample Date		Client Info		<b>12 Jun 2024</b>	29 Dec 2023	28 Jul 2023
Machine Age	hrs	Client Info		<b>1013</b>	744	459
Oil Age	hrs	Client Info		<b>1013</b>	744	459
Filter Age	hrs	Client Info		<b>554</b>	285	459
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>20	<b>15</b>	14	13
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>10	<b>3</b>	2	2
Lead	ppm	ASTM D5185m	>10	<b>&lt;1</b>	1	<1
Copper	ppm	ASTM D5185m	>75	<b>18</b>	18	18
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

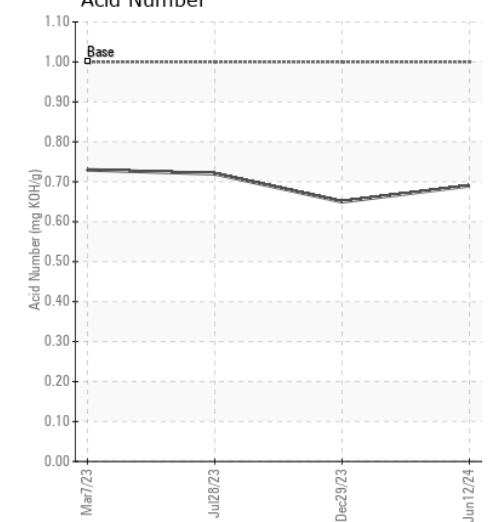
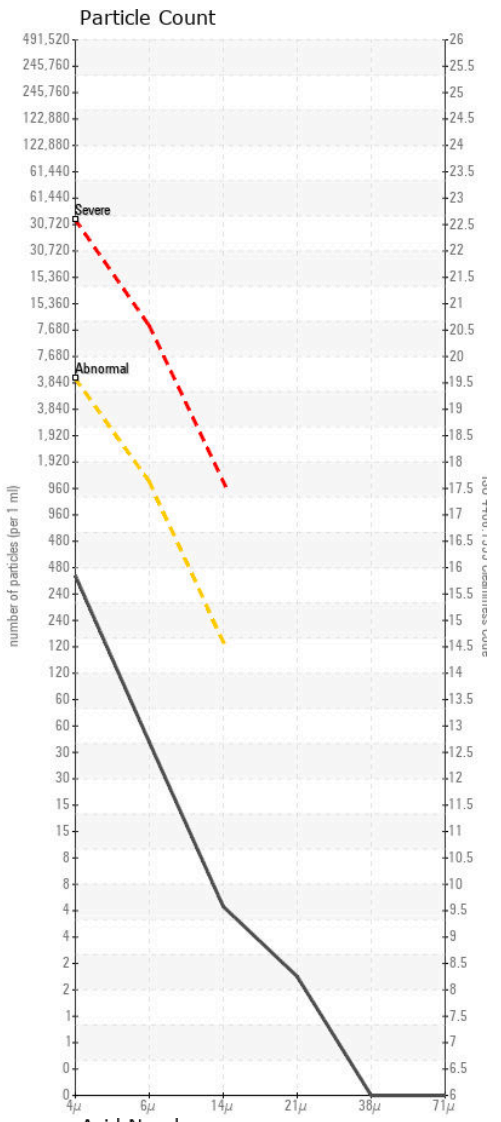
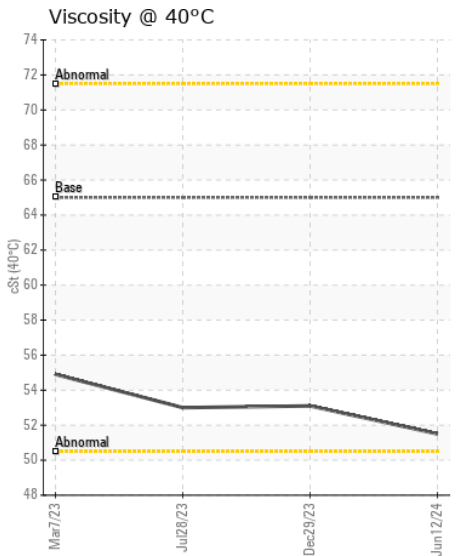
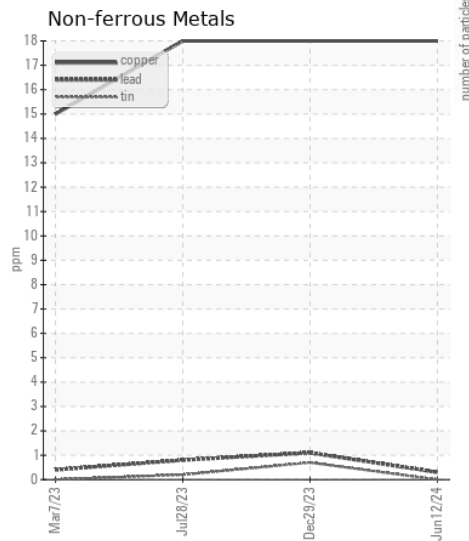
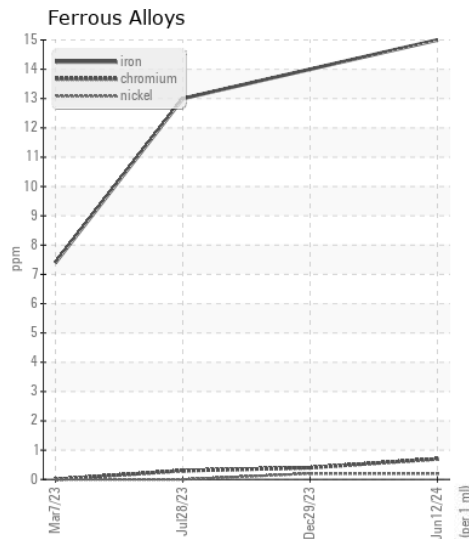
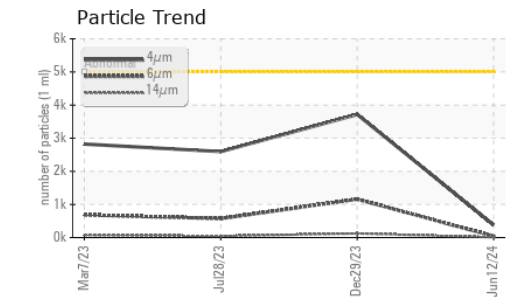
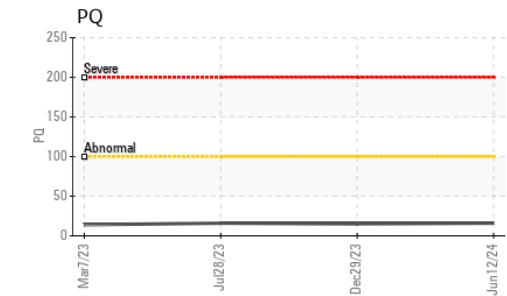
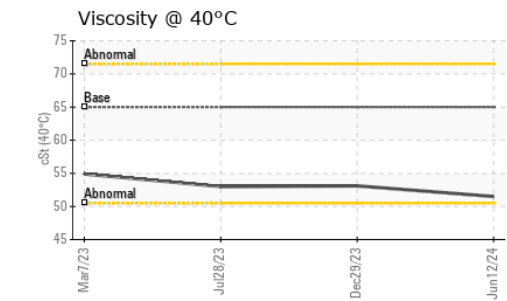
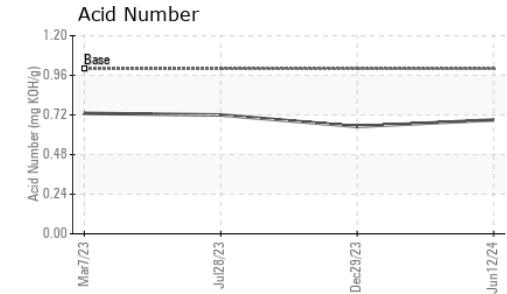
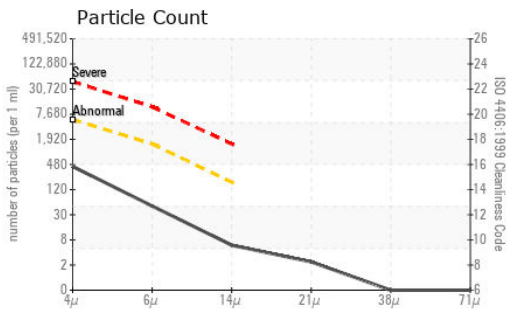
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicon	ppm	ASTM D5185m	>20	<b>3</b>	2	2
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	3	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>5000	<b>380</b>	3716	2595
Particles >6µm		ASTM D7647	>1300	<b>43</b>	1158	573
Particles >14µm		ASTM D7647	>160	<b>5</b>	124	44
Particles >21µm		ASTM D7647	>40	<b>2</b>	33	12
Particles >38µm		ASTM D7647	>10	<b>0</b>	2	0
Particles >71µm		ASTM D7647	>3	<b>0</b>	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>16/13/10</b>	19/17/14	19/16/13
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	>0.1	<b>NEG</b>	NEG	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		<b>3</b>	0	2
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	11	2
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>2</b>	<1	1
Magnesium	ppm	ASTM D5185m		<b>2</b>	3	8
Calcium	ppm	ASTM D5185m	87	<b>186</b>	176	137
Phosphorus	ppm	ASTM D5185m	727	<b>618</b>	726	593
Zinc	ppm	ASTM D5185m	900	<b>835</b>	867	820
Sulfur	ppm	ASTM D5185m	1500	<b>2016</b>	2194	1978
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	<b>0.69</b>	0.65	0.72
Visc @ 40°C	cSt	ASTM D445	65	<b>51.5</b>	53.1	53.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : JR0218737  
 Lab Number : 06209963  
 Unique Number : 11082827  
 Test Package : CONST ( Additional Tests: PQ )

Received : 14 Jun 2024  
 Tested : 17 Jun 2024  
 Diagnosed : 17 Jun 2024 - Wes Davis

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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