



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



Machine Id  
**JOHN DEERE 210G 1FF210GXANF530128**  
 Component  
**Hydraulic System**  
 Fluid  
**{not provided} (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0220453</b>	JR0203546	JR0178010
Sample Date		Client Info		<b>09 Jul 2024</b>	06 Feb 2024	01 Aug 2023
Machine Age	hrs	Client Info		<b>1456</b>	997	465
Oil Age	hrs	Client Info		<b>1456</b>	997	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
Filter Changed		Client Info		<b>Not Chngd</b>	Changed	Not Chngd
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	<b>19</b>	11	16
Iron	ppm	ASTM D5185m	>32	<b>0</b>	1	2
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>9	<b>3</b>	<1	<1
Lead	ppm	ASTM D5185m	>28	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	2	1
Tin	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

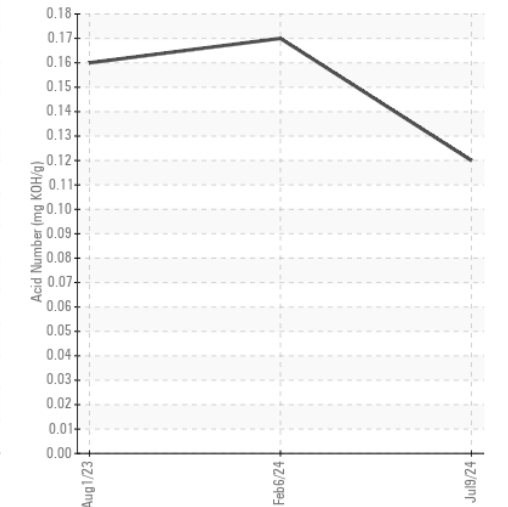
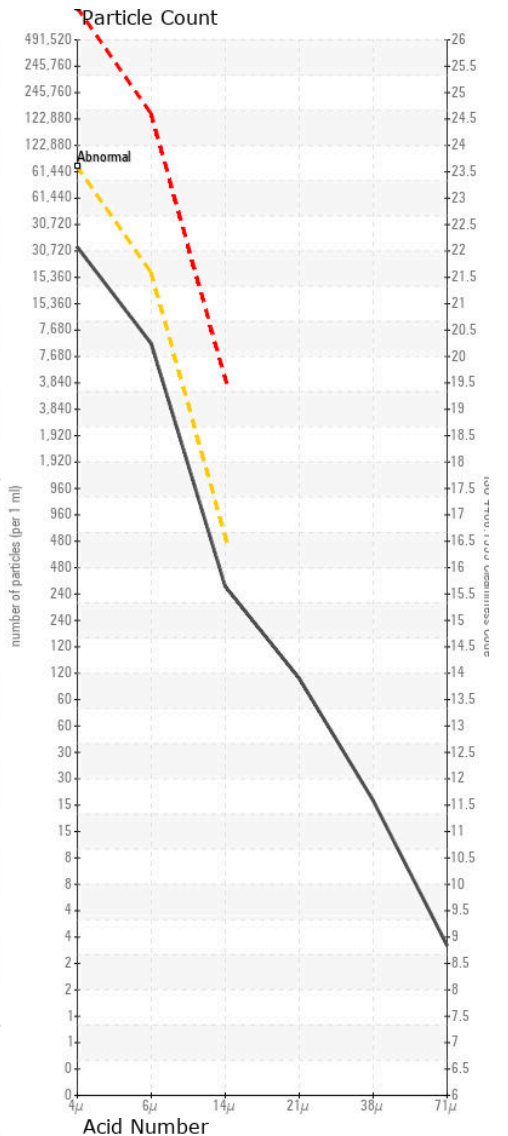
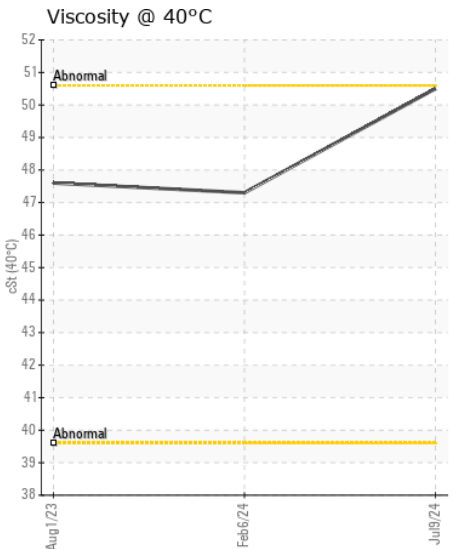
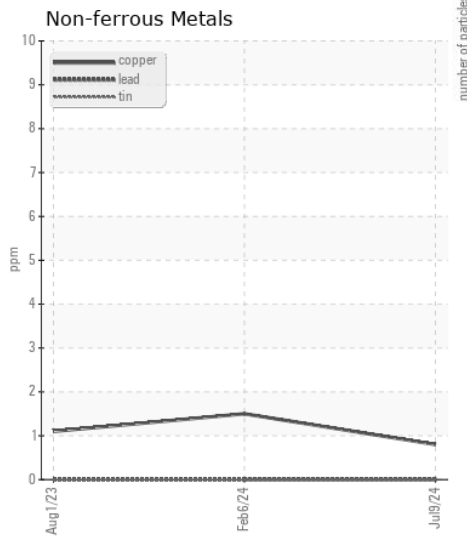
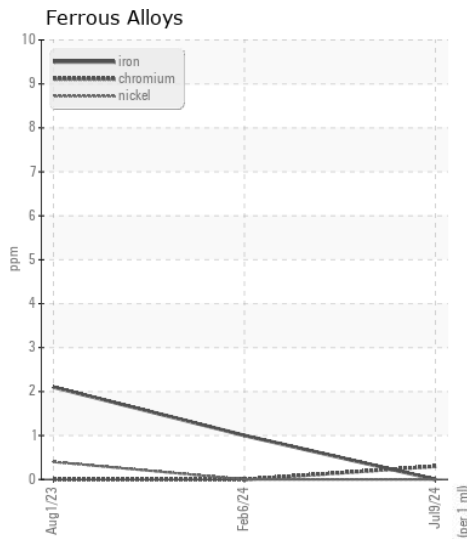
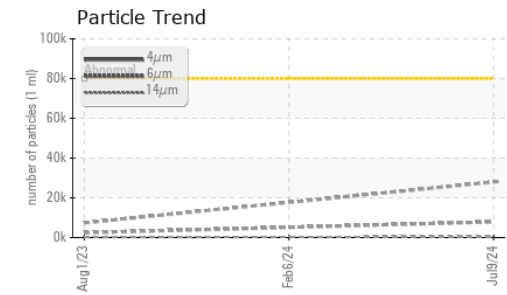
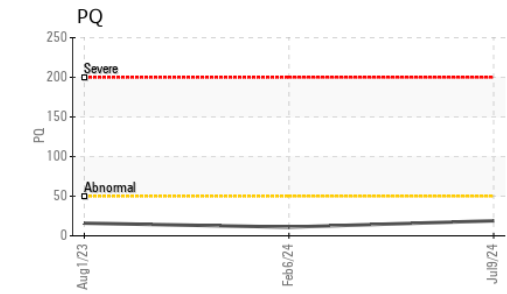
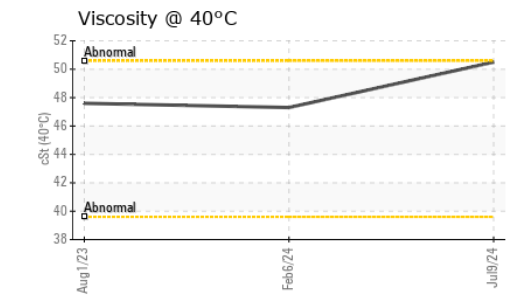
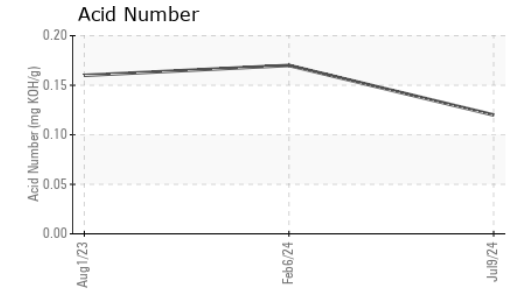
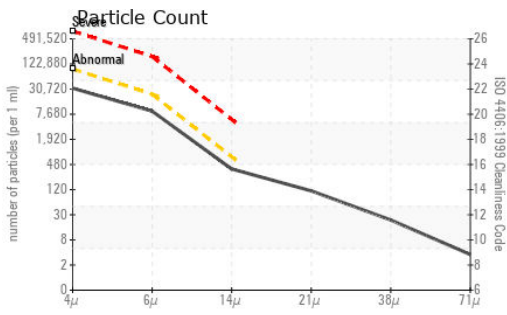
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicon	ppm	ASTM D5185m	>11	<b>4</b>	<1	<1
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	0	2
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>80000	<b>27970</b>	---	7404
Particles >6µm		ASTM D7647	>20000	<b>7904</b>	---	2406
Particles >14µm		ASTM D7647	>640	<b>330</b>	---	220
Particles >21µm		ASTM D7647	>160	<b>99</b>	---	57
Particles >38µm		ASTM D7647	>40	<b>20</b>	---	2
Particles >71µm		ASTM D7647	>10	<b>3</b>	---	0
Oil Cleanliness		ISO 4406 (c)	>23/21/16	<b>22/20/16</b>	---	20/18/15
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	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	>0.075	<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	>21	<b>0</b>	<1	0
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>2</b>	<1	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>2</b>	0	3
Calcium	ppm	ASTM D5185m		<b>1</b>	4	6
Phosphorus	ppm	ASTM D5185m		<b>538</b>	508	521
Zinc	ppm	ASTM D5185m		<b>25</b>	33	32
Sulfur	ppm	ASTM D5185m		<b>78</b>	113	188
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.12</b>	0.17	0.16
Visc @ 40°C	cSt	ASTM D445		<b>50.5</b>	47.3	47.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : JR0220453

Lab Number : 06235798

Unique Number : 11124632

Test Package : CONST ( Additional Tests: PQ )

Received : 15 Jul 2024

Tested : 16 Jul 2024

Diagnosed : 16 Jul 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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