



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 210G 1FF210GXCJF525673
Component
Left Final Drive
Fluid
GEAR OIL SAE 80W90 (--- 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		JR0206282	JR0161876	JR0128172
Sample Date		Client Info		18 Apr 2024	25 Apr 2023	14 Jul 2022
Machine Age	hrs	Client Info		2957	2707	2175
Oil Age	hrs	Client Info		250	500	500
Filter Age	hrs	Client Info		0	500	500
Oil Changed		Client Info		Not Changd	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	16	74	100
Iron	ppm	ASTM D5185m	>750	12	148	174
Chromium	ppm	ASTM D5185m	>9	<1	2	3
Nickel	ppm	ASTM D5185m	>10	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	2
Aluminum	ppm	ASTM D5185m	>40	2	0	1
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	<1	<1	<1
Tin	ppm	ASTM D5185m	>10	<1	0	1
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

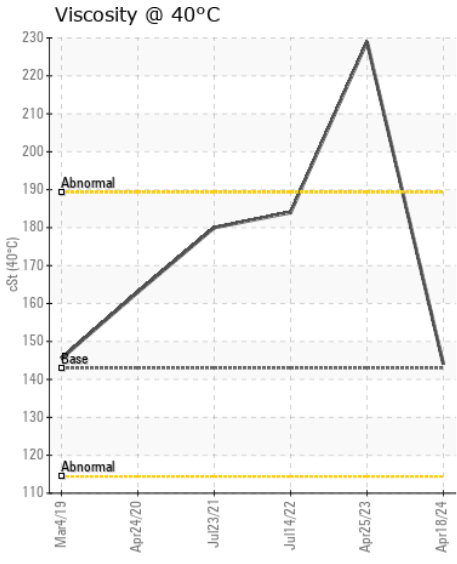
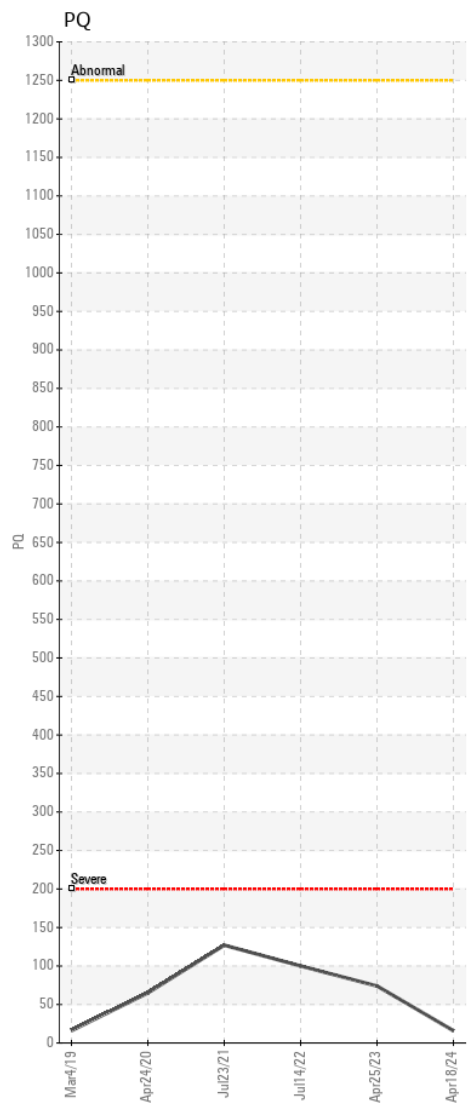
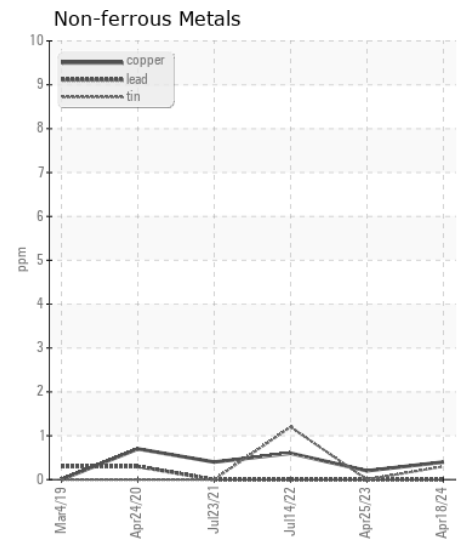
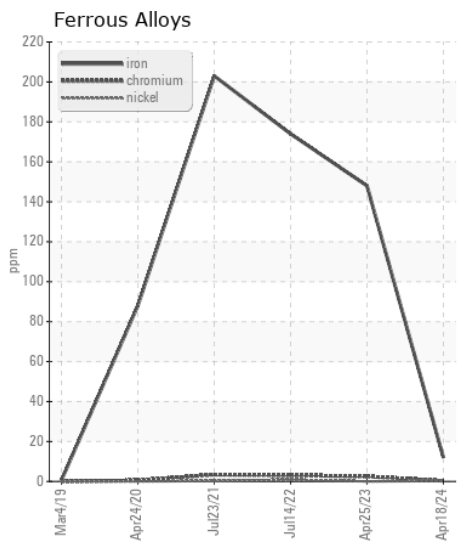
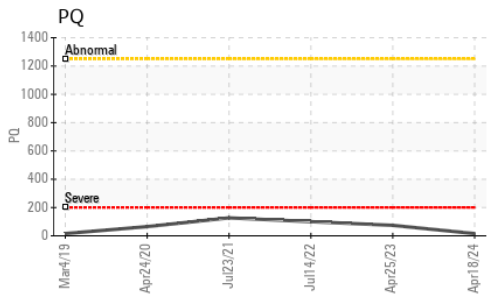
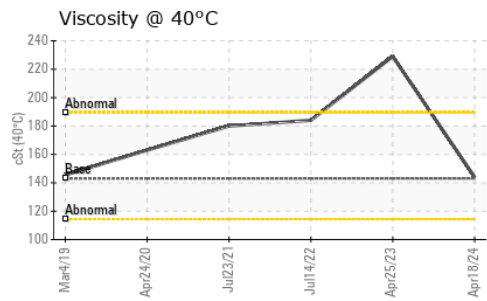
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	11	11	19
Potassium	ppm	ASTM D5185m	>20	1	2	1
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>170	0	0	<1
Boron	ppm	ASTM D5185m	400	6	21	54
Barium	ppm	ASTM D5185m	200	0	0	2
Molybdenum	ppm	ASTM D5185m	12	12	<1	1
Manganese	ppm	ASTM D5185m		<1	3	4
Magnesium	ppm	ASTM D5185m	12	21	1	4
Calcium	ppm	ASTM D5185m	150	45	7	39
Phosphorus	ppm	ASTM D5185m	1650	319	1307	406
Zinc	ppm	ASTM D5185m	125	24	15	42
Sulfur	ppm	ASTM D5185m	22500	19916	24558	16507
Visc @ 40°C	cSt	ASTM D445	143	144	229	184



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0206282 **Received** : 23 Apr 2024
Lab Number : 06157968 **Tested** : 24 Apr 2024
Unique Number : 10993391 **Diagnosed** : 24 Apr 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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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)