



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 210G 1FF210GXCMF529606
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		JR0213751	JR0158228	---
Sample Date		Client Info		21 May 2024	09 Oct 2023	---
Machine Age	hrs	Client Info		3058	2392	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	361	257	---
Iron	ppm	ASTM D5185m	>750	404	448	---
Chromium	ppm	ASTM D5185m	>9	6	8	---
Nickel	ppm	ASTM D5185m	>10	<1	1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	13	2	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	1	1	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

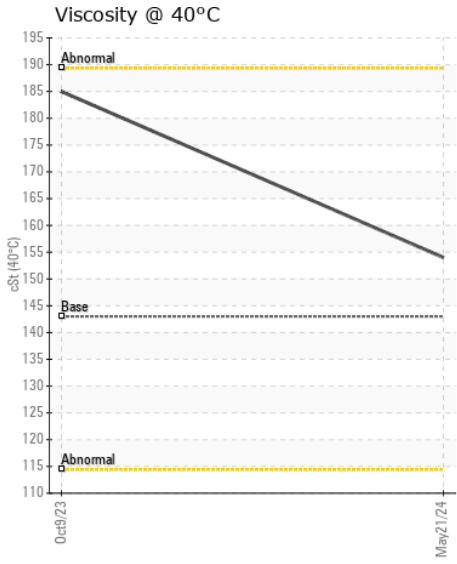
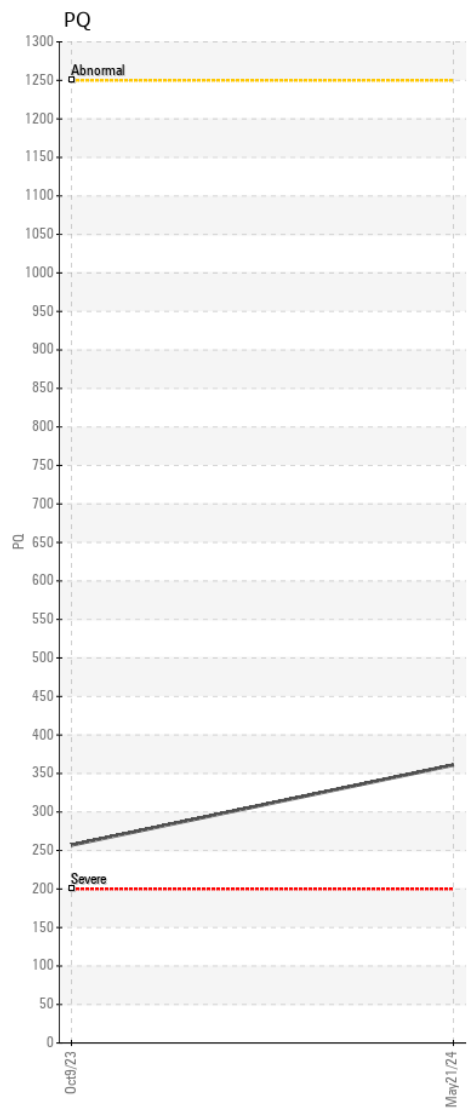
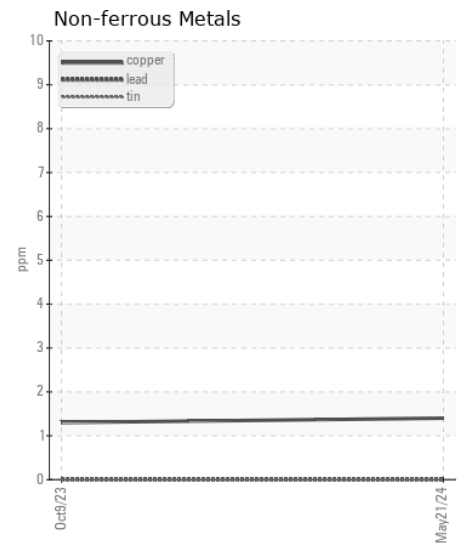
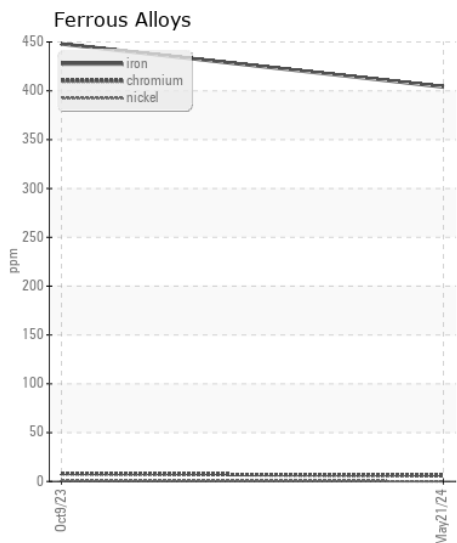
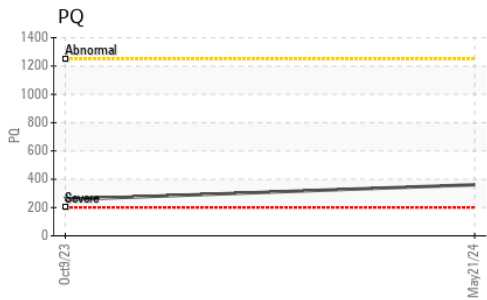
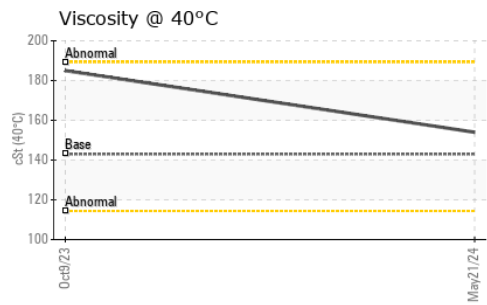
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	53	58	---
Potassium	ppm	ASTM D5185m	>20	2	6	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>170	2	0	---
Boron	ppm	ASTM D5185m	400	33	52	---
Barium	ppm	ASTM D5185m	200	4	9	---
Molybdenum	ppm	ASTM D5185m	12	5	<1	---
Manganese	ppm	ASTM D5185m		6	8	---
Magnesium	ppm	ASTM D5185m	12	26	2	---
Calcium	ppm	ASTM D5185m	150	35	12	---
Phosphorus	ppm	ASTM D5185m	1650	256	496	---
Zinc	ppm	ASTM D5185m	125	35	37	---
Sulfur	ppm	ASTM D5185m	22500	20662	17306	---
Visc @ 40°C	cSt	ASTM D445	143	154	185	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213751 **Received** : 22 May 2024
Lab Number : 06187938 **Tested** : 23 May 2024
Unique Number : 11044690 **Diagnosed** : 23 May 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)