



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 210G 1FF210GXENF530621
Component
Right Final Drive
Fluid
JOHN DEERE GL-5 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0189063	JR0188764	JR0171999
Sample Date		Client Info		05 Jan 2024	21 Sep 2023	08 Jun 2023
Machine Age	hrs	Client Info		1721	532	532
Oil Age	hrs	Client Info		1721	532	532
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	12	73	231
Iron	ppm	ASTM D5185m	>750	0	109	325
Chromium	ppm	ASTM D5185m	>9	0	1	6
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	0	3	<1
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	0	2	1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

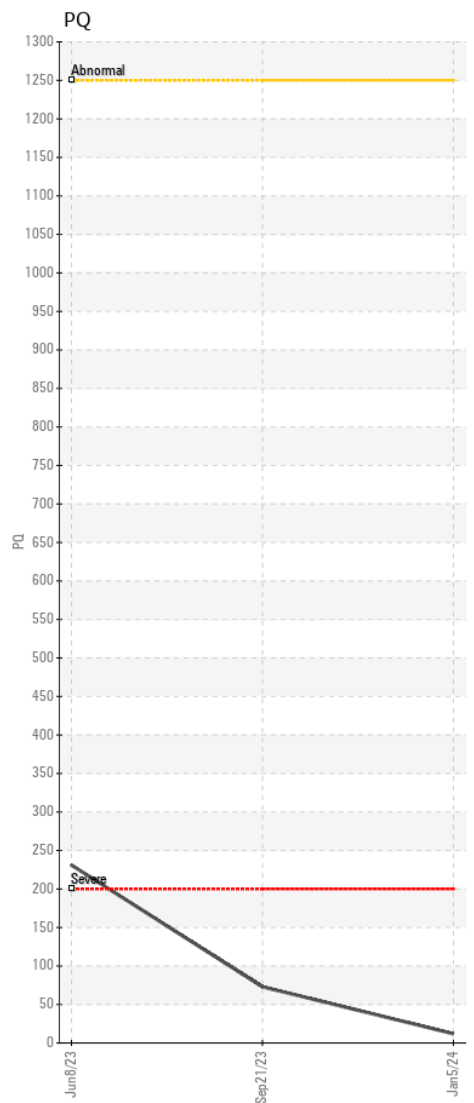
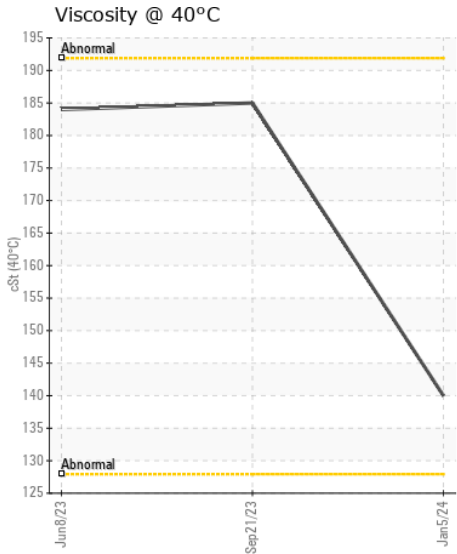
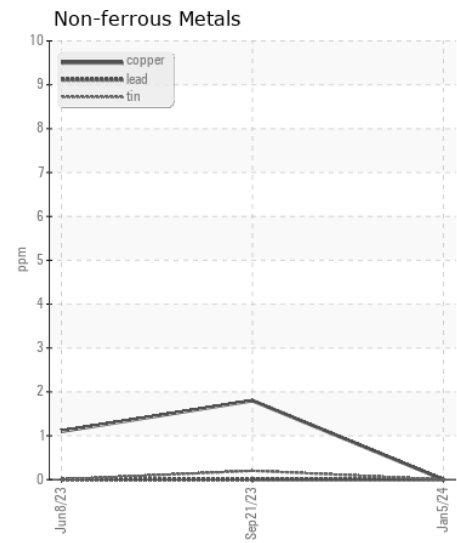
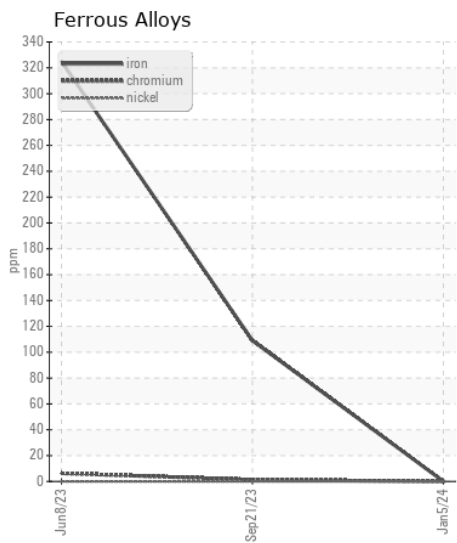
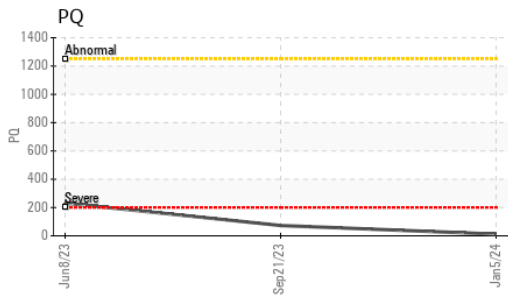
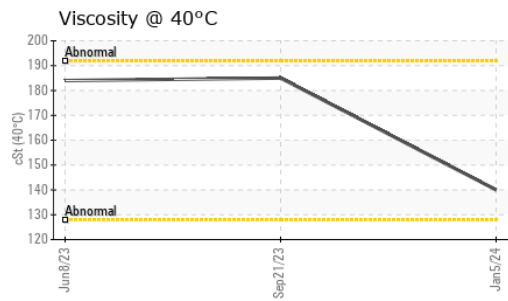
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>75	0	23	19
Potassium	ppm	ASTM D5185m	>20	0	0	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	MODER
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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	0	4	<1
Boron	ppm	ASTM D5185m		9	89	70
Barium	ppm	ASTM D5185m		0	2	0
Molybdenum	ppm	ASTM D5185m		8	1	0
Manganese	ppm	ASTM D5185m		0	3	7
Magnesium	ppm	ASTM D5185m		31	0	0
Calcium	ppm	ASTM D5185m		36	19	9
Phosphorus	ppm	ASTM D5185m		304	538	512
Zinc	ppm	ASTM D5185m		25	1	11
Sulfur	ppm	ASTM D5185m		17298	17037	17642
Visc @ 40°C	cSt	ASTM D445		140	185	184



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0189063 **Recieved** : 10 Jan 2024
Lab Number : 06056940 **Diagnosed** : 11 Jan 2024
Unique Number : 10822889 **Diagnostician** : Don Baldridge
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)

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