



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 210G 1FF210GXEJF526708
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (5 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213065	JR0212869	JR0200605
Sample Date		Client Info		28 Jun 2024	20 May 2024	28 Feb 2024
Machine Age	hrs	Client Info		5065	4952	4827
Oil Age	hrs	Client Info		113	4135	4269
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		N/A	Changed	N/A
Sample Status				NORMAL	SEVERE	SEVERE

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	23	1925	2226
Iron	ppm	ASTM D5185m	>750	15	▲ 4190	▲ 3992
Chromium	ppm	ASTM D5185m	>9	<1	▲ 33	▲ 32
Nickel	ppm	ASTM D5185m	>10	<1	▲ 10	▲ 11
Titanium	ppm	ASTM D5185m		<1	17	17
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>40	3	● 85	● 84
Lead	ppm	ASTM D5185m	>15	<1	0	0
Copper	ppm	ASTM D5185m	>40	<1	8	8
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	MODER	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

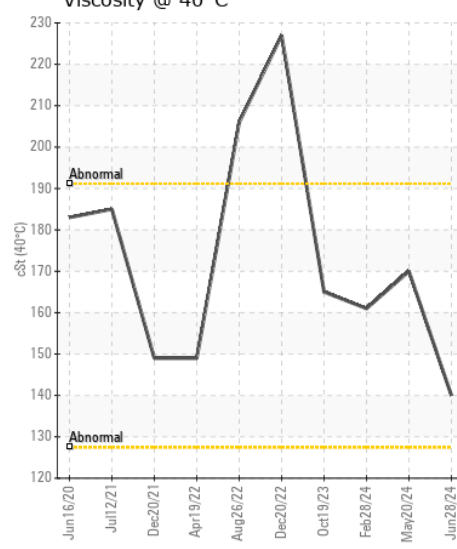
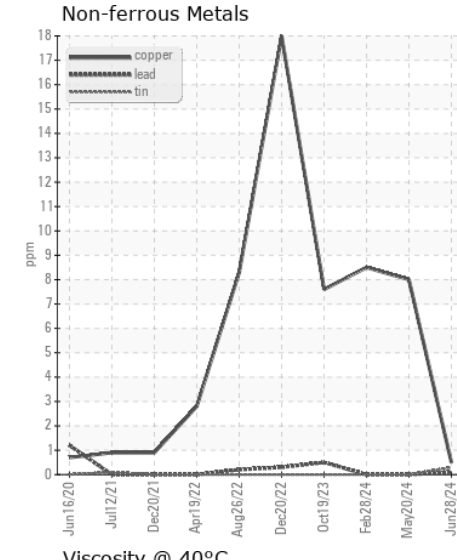
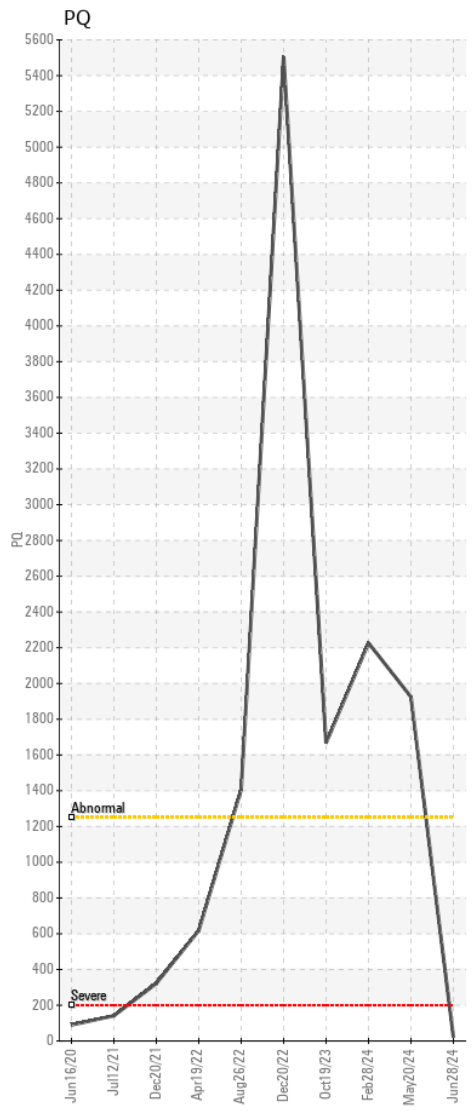
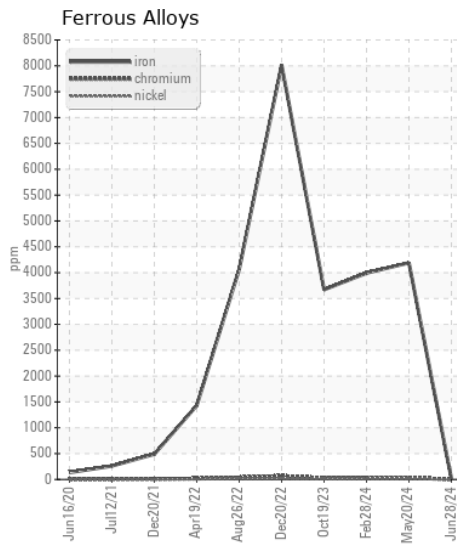
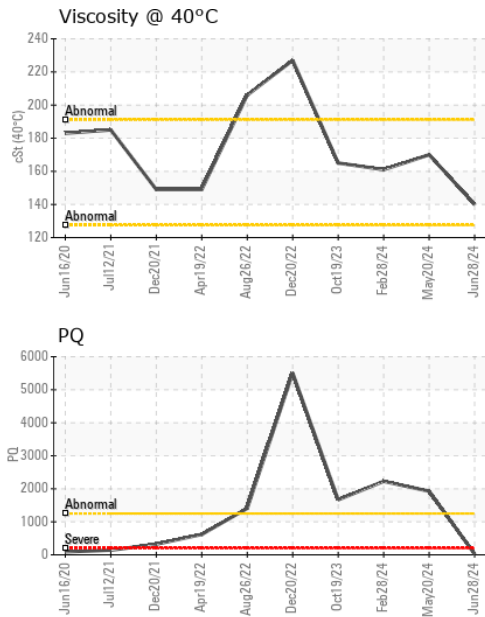
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	10	▲ 1083	▲ 1084
Potassium	ppm	ASTM D5185m	>20	1	13	16
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	0.2%

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	3	2
Boron	ppm	ASTM D5185m		3	17	21
Barium	ppm	ASTM D5185m		<1	<1	0
Molybdenum	ppm	ASTM D5185m		2	6	6
Manganese	ppm	ASTM D5185m		0	32	32
Magnesium	ppm	ASTM D5185m		6	18	19
Calcium	ppm	ASTM D5185m		10	65	65
Phosphorus	ppm	ASTM D5185m		348	830	842
Zinc	ppm	ASTM D5185m		14	38	48
Sulfur	ppm	ASTM D5185m		19046	23470	22482
Visc @ 40°C	cSt	ASTM D445		140	170	161



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213065
Lab Number : 06224817
Unique Number : 11103014
Test Package : CONST (Additional Tests: PQ)

Received : 01 Jul 2024
Tested : 02 Jul 2024
Diagnosed : 02 Jul 2024 - Don Baldrige

JRE - GREENVILLE
 3604 HIGHWAY 264 E
 GREENVILLE, NC
 US 27834-5800

Contact: GREENVILLE SHOP
 christopher.martin@jamesriverequipment.com

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)