



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Area
[W66274]
 Machine Id
JOHN DEERE 210G 1FF210GXEJF526174
 Component
Right Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (2 GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: W66274)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0205503	JR0192721	JR0150190
Sample Date		Client Info		17 Apr 2024	04 Dec 2023	08 Nov 2022
Machine Age	hrs	Client Info		2970	2574	2096
Oil Age	hrs	Client Info		2492	478	500
Filter Age	hrs	Client Info		0	0	500
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	101	12	10
Iron	ppm	ASTM D5185m	>750	460	0	<1
Chromium	ppm	ASTM D5185m	>9	6	0	0
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	3	<1	0
Lead	ppm	ASTM D5185m	>15	0	0	<1
Copper	ppm	ASTM D5185m	>40	1	<1	0
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

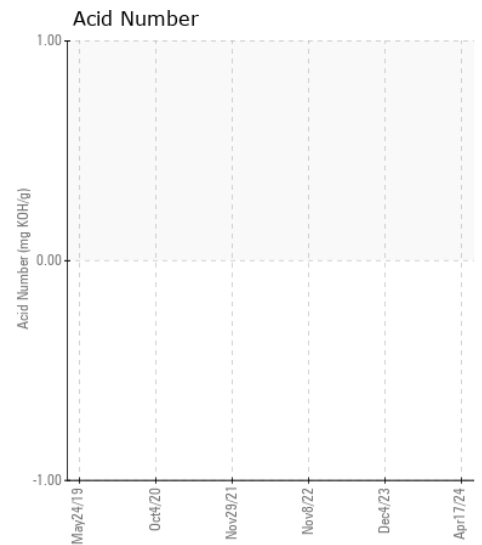
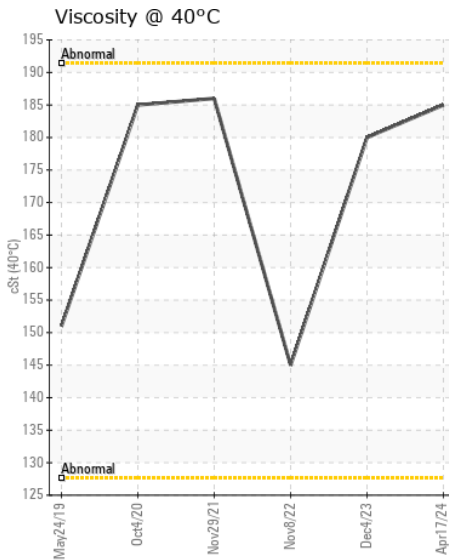
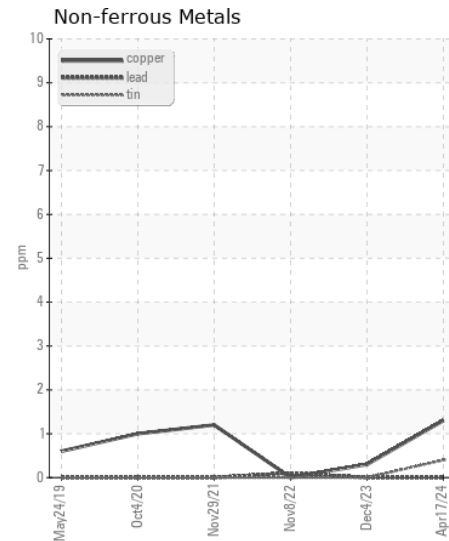
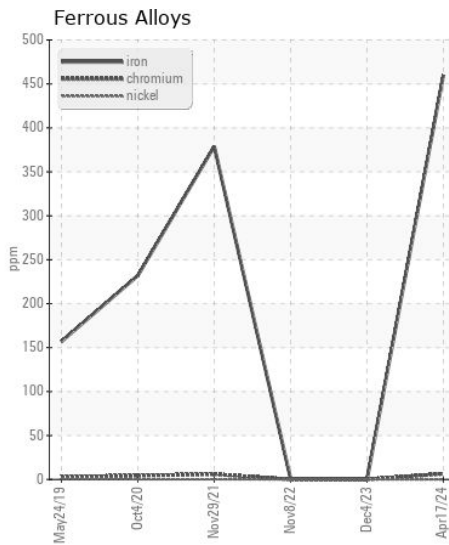
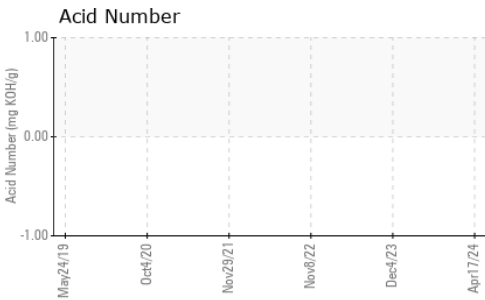
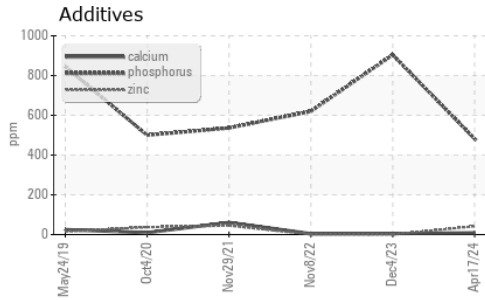
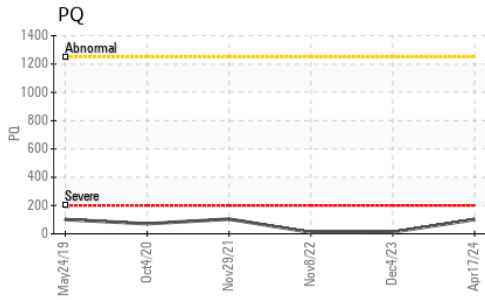
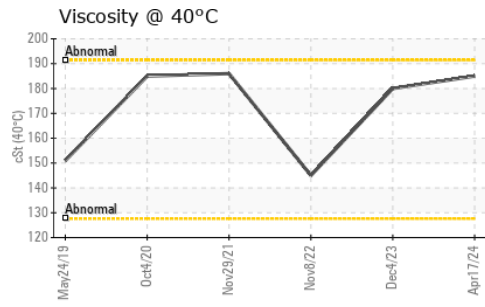
Moderate concentration of visible dirt/debris present in the oil.

Silicon	ppm	ASTM D5185m	>75	33	1	<1
Potassium	ppm	ASTM D5185m	>20	7	<1	0
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	▲ MODER	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	>51	1	1	<1
Boron	ppm	ASTM D5185m		42	2	65
Barium	ppm	ASTM D5185m		7	0	0
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		8	<1	0
Magnesium	ppm	ASTM D5185m		0	<1	0
Calcium	ppm	ASTM D5185m		9	5	4
Phosphorus	ppm	ASTM D5185m		482	904	620
Zinc	ppm	ASTM D5185m		42	0	<1
Sulfur	ppm	ASTM D5185m		16843	22082	22258
Visc @ 40°C	cSt	ASTM D445		185	180	145



Certificate L2367

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

Sample No. : JR0205503

Lab Number : 06154738

Unique Number : 10990161

Test Package : CONST (Additional Tests: ICP, KV40, PQ, PrtCount, SCREEN, TAN Ma

Received : 19 Apr 2024

Tested : 23 Apr 2024

Diagnosed : 23 Apr 2024 - Sean Felton

JRE - CHARLOTTE

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CHARLOTTE, NC

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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)