



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[W8802]
 Machine Id
JOHN DEERE 210G 1FF210GXANF530548
 Component
Right Final Drive
 Fluid
JOHN DEERE GL-5 85W140LS (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W8802)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0197217	JR0197061	JR0140968
Sample Date		Client Info		22 Apr 2024	24 Jan 2024	25 Jul 2023
Machine Age	hrs	Client Info		1440	972	442
Oil Age	hrs	Client Info		1440	972	442
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	184	192	142
Iron	ppm	ASTM D5185m	>750	239	265	162
Chromium	ppm	ASTM D5185m	>9	5	6	4
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	2	3	1
Lead	ppm	ASTM D5185m	>15	0	<1	0
Copper	ppm	ASTM D5185m	>40	1	1	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

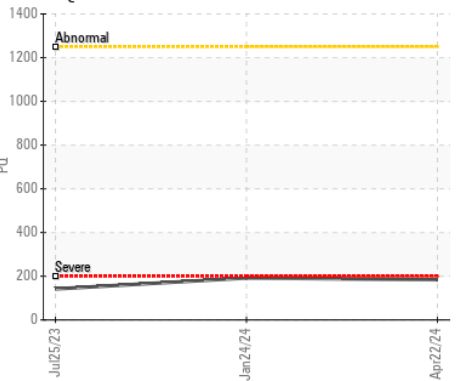
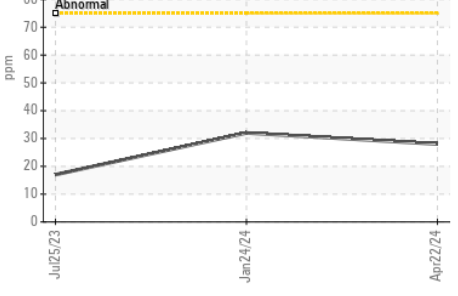
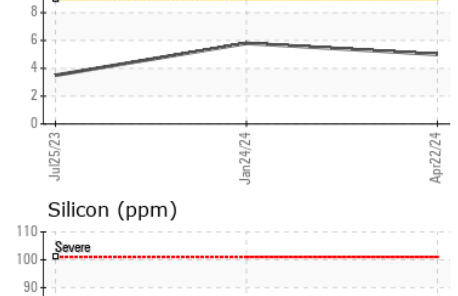
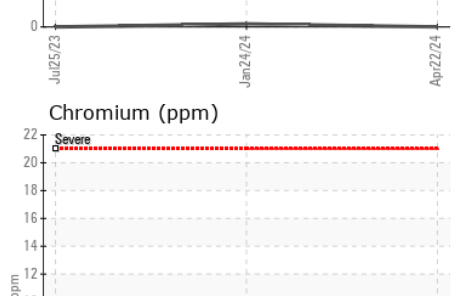
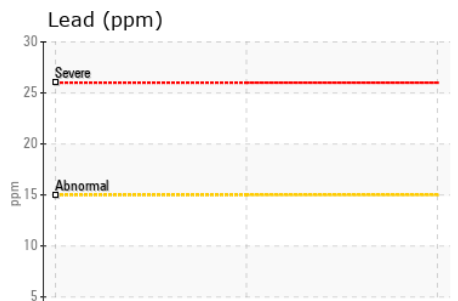
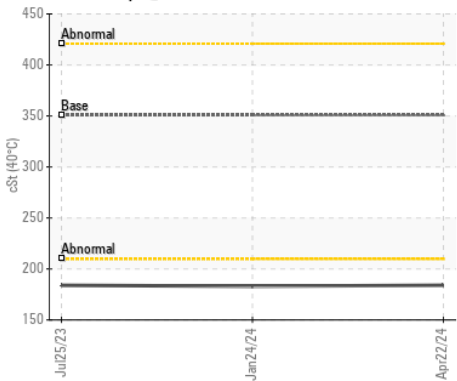
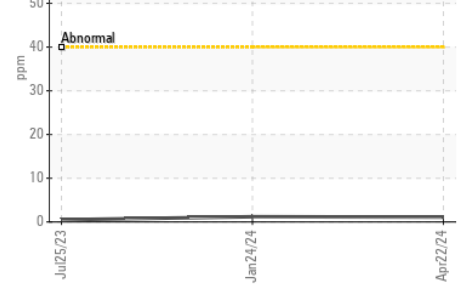
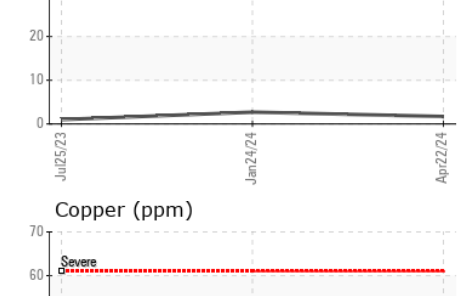
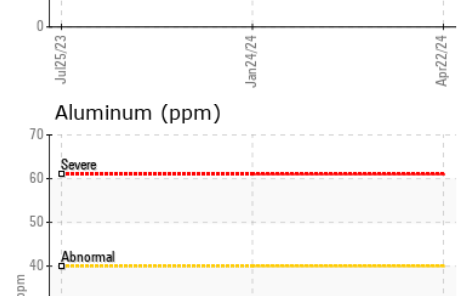
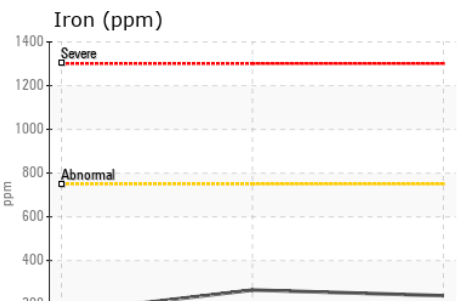
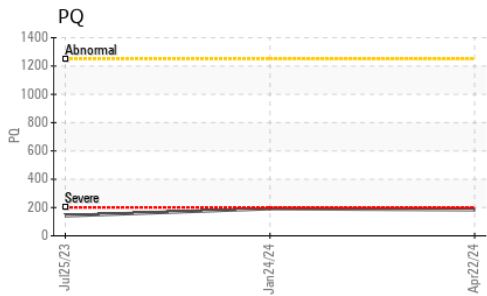
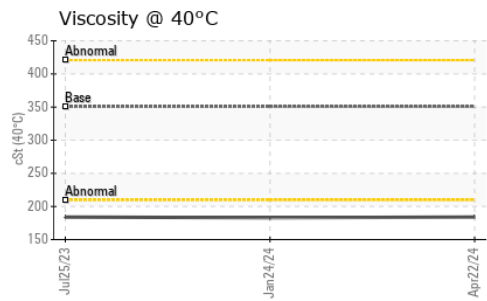
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	28	32	17
Potassium	ppm	ASTM D5185m	>20	4	4	2
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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	0	0
Boron	ppm	ASTM D5185m		53	71	75
Barium	ppm	ASTM D5185m		7	4	5
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		6	6	4
Magnesium	ppm	ASTM D5185m		3	<1	1
Calcium	ppm	ASTM D5185m		8	19	15
Phosphorus	ppm	ASTM D5185m		539	737	498
Zinc	ppm	ASTM D5185m		36	30	22
Sulfur	ppm	ASTM D5185m		18266	23808	16026
Visc @ 40°C	cSt	ASTM D445	350.7	184	183	184



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0197217 **Received** : 24 Apr 2024
Lab Number : 06159356 **Tested** : 25 Apr 2024
Unique Number : 10994779 **Diagnosed** : 26 Apr 2024 - Don Baldrige
Test Package : MOBCE (Additional Tests: PQ)

JRE - HOPE MILLS/FAYETTEVILLE
 5039 HWY 301 SOUTH
 HOPE MILLS, NC
 US 28348
 Contact: FAYETTEVILLE SHOP
 stephen.mullis@jamesriverequipment.com; panastasio@wearcheck.com
 T:
 F:

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)