



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 8 - Pikeville [RO#150389]
Machine Id
JOHN DEERE 210G 1FF210GXCNF530264
Component
Left Propel Gearbox
Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0048878	LEC0045638	---
Sample Date		Client Info		08 May 2024	23 Oct 2023	---
Machine Age	hrs	Client Info		1061	610	---
Oil Age	hrs	Client Info		451	610	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		218	268	---
Iron	ppm	ASTM D5185m	>1250	268	277	---
Chromium	ppm	ASTM D5185m	>10	5	7	---
Nickel	ppm	ASTM D5185m	>10	<1	1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m		10	3	---
Lead	ppm	ASTM D5185m		<1	0	---
Copper	ppm	ASTM D5185m		<1	<1	---
Tin	ppm	ASTM D5185m		0	0	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	MODER	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

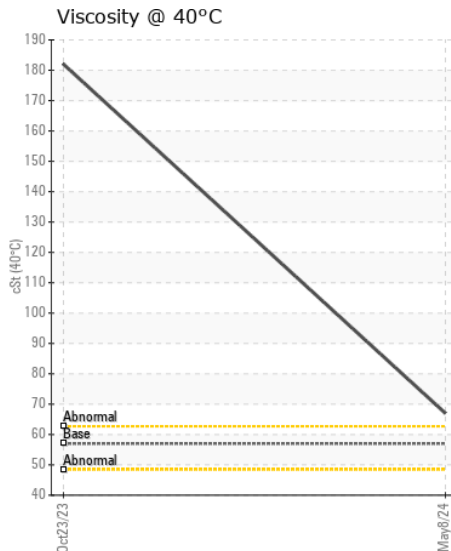
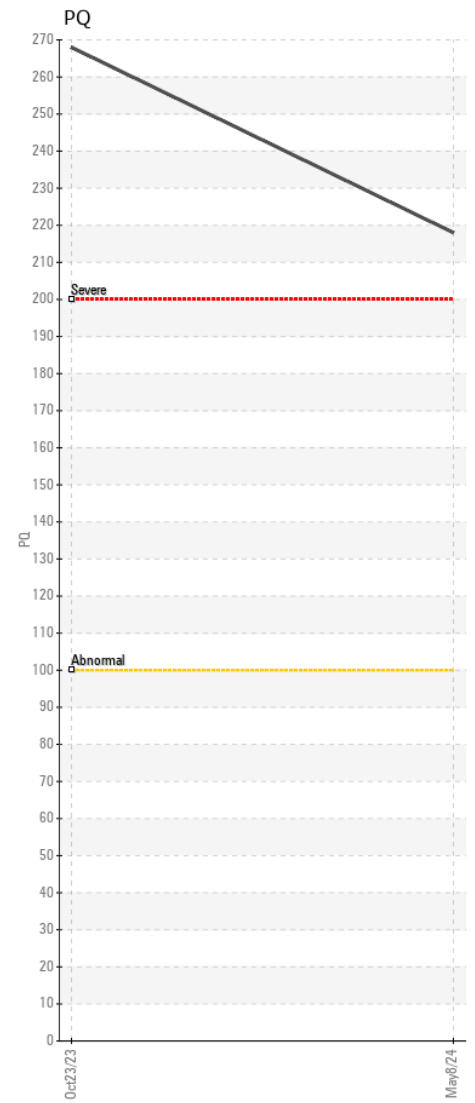
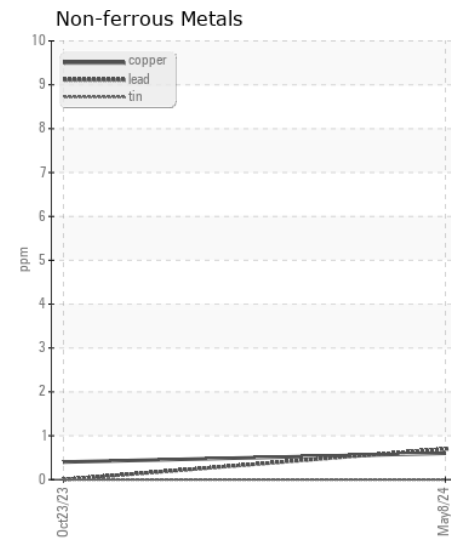
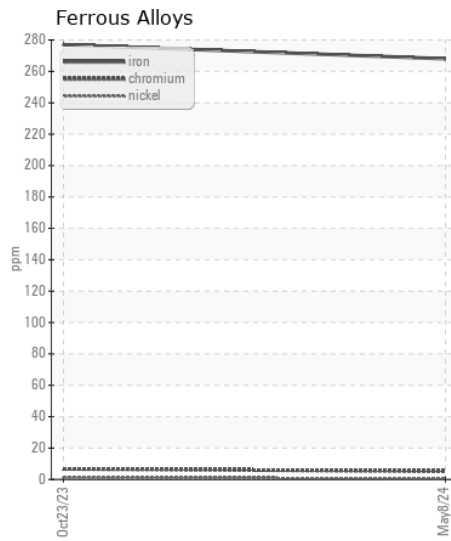
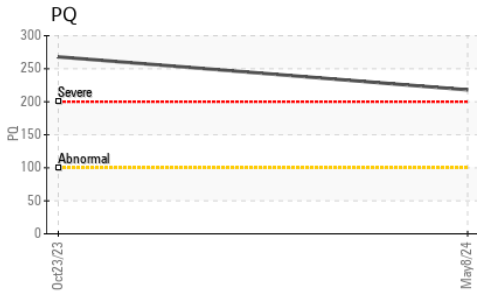
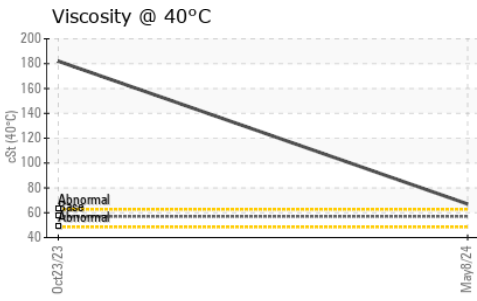
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		44	31	---
Potassium	ppm	ASTM D5185m	>20	4	2	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	MODER	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		2	0	---
Boron	ppm	ASTM D5185m	6	33	50	---
Barium	ppm	ASTM D5185m	0	0	6	---
Molybdenum	ppm	ASTM D5185m	0	<1	0	---
Manganese	ppm	ASTM D5185m		5	7	---
Magnesium	ppm	ASTM D5185m	145	43	5	---
Calcium	ppm	ASTM D5185m	3570	2872	24	---
Phosphorus	ppm	ASTM D5185m	1290	978	543	---
Zinc	ppm	ASTM D5185m	1640	1046	22	---
Sulfur	ppm	ASTM D5185m		7176	16495	---
Visc @ 40°C	cSt	ASTM D445	57.0	67.0	182	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0048878 **Received** : 10 May 2024
Lab Number : 06176341 **Tested** : 13 May 2024
Unique Number : 11022394 **Diagnosed** : 14 May 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.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)

T: (740)373-5570