



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 8 - Pikeville [RO#144058]
Machine Id
JOHN DEERE 210G 1FF210GXENF530277
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		LEC0042024	LEC0040374	---
Sample Date		Client Info		16 Oct 2023	19 Apr 2023	---
Machine Age	hrs	Client Info		1064	435	---
Oil Age	hrs	Client Info		629	435	---
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		140	201	---
Iron	ppm	ASTM D5185m	>1250	265	318	---
Chromium	ppm	ASTM D5185m	>10	4	6	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m		2	2	---
Lead	ppm	ASTM D5185m		0	0	---
Copper	ppm	ASTM D5185m		2	<1	---
Tin	ppm	ASTM D5185m		0	0	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	MODER	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

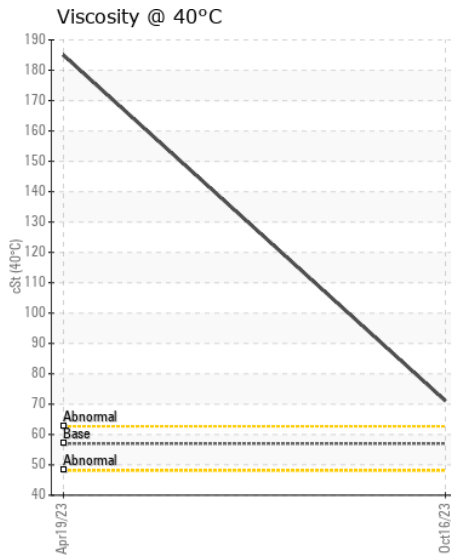
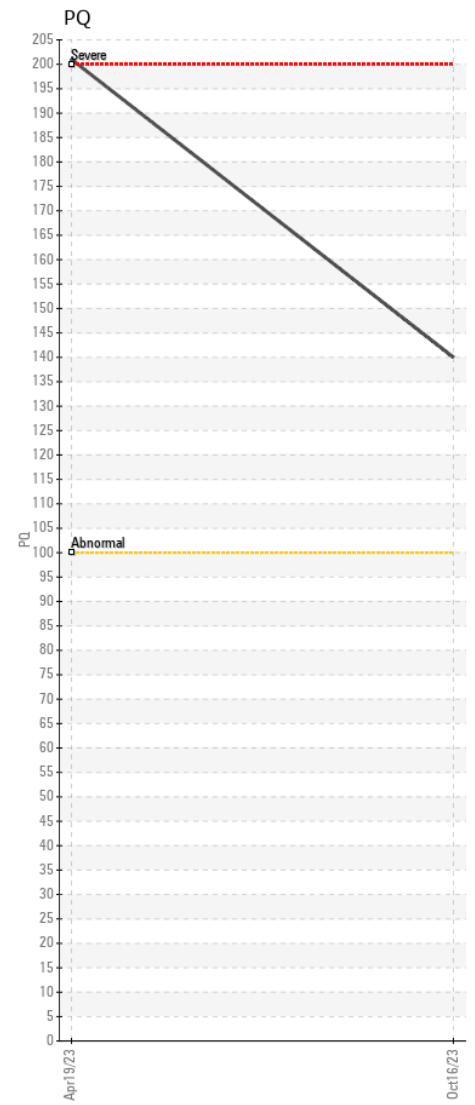
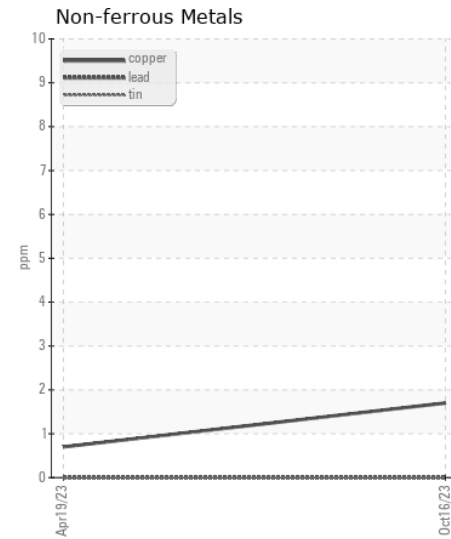
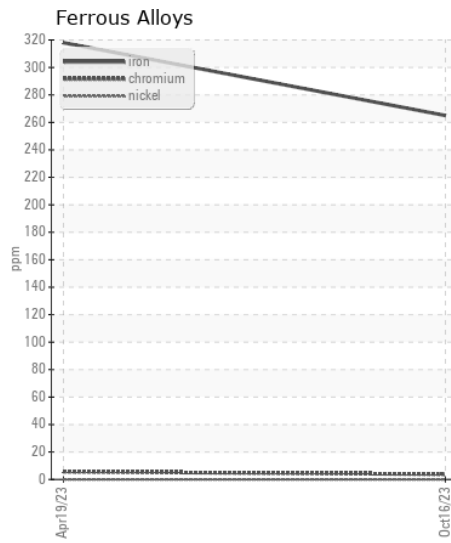
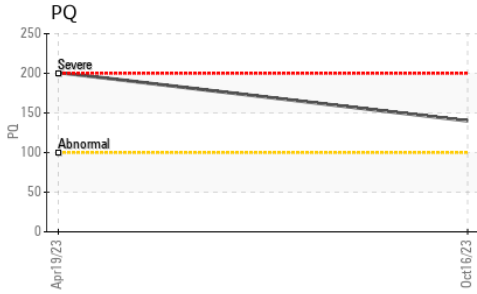
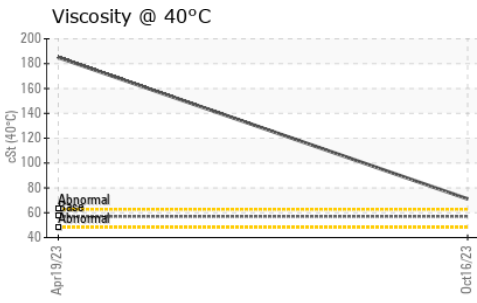
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m		19	21	---
Potassium	ppm	ASTM D5185m	>20	3	<1	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		0	1	---
Boron	ppm	ASTM D5185m	6	38	77	---
Barium	ppm	ASTM D5185m	0	4	5	---
Molybdenum	ppm	ASTM D5185m	0	5	<1	---
Manganese	ppm	ASTM D5185m		4	7	---
Magnesium	ppm	ASTM D5185m	145	94	1	---
Calcium	ppm	ASTM D5185m	3570	2837	14	---
Phosphorus	ppm	ASTM D5185m	1290	930	519	---
Zinc	ppm	ASTM D5185m	1640	1064	22	---
Sulfur	ppm	ASTM D5185m		6854	17000	---
Visc @ 40°C	cSt	ASTM D445	57.0	71.1	185	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0042024 **Received** : 20 Oct 2023
Lab Number : 05985060 **Tested** : 23 Oct 2023
Unique Number : 10702355 **Diagnosed** : 23 Oct 2023 - Don Baldrige
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)

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