



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	MARGINAL
FLUID CONDITION	NORMAL



Area
Store 4 - Fairmont [RO# 151854]
Machine Id
JOHN DEERE 750L 1T0750LXHPF445779
Component
Left Inner Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (4 GAL)

RECOMMENDATION

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0048366	LEC0042891	---
Sample Date		Client Info		11 Jun 2024	15 Aug 2023	---
Machine Age	hrs	Client Info		1020	511	---
Oil Age	hrs	Client Info		1020	511	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				MARGINAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	19	10	---
Iron	ppm	ASTM D5185m	>750	28	20	---
Chromium	ppm	ASTM D5185m	>9	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	<1	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	1	0	---
Lead	ppm	ASTM D5185m	>15	1	<1	---
Copper	ppm	ASTM D5185m	>40	<1	0	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

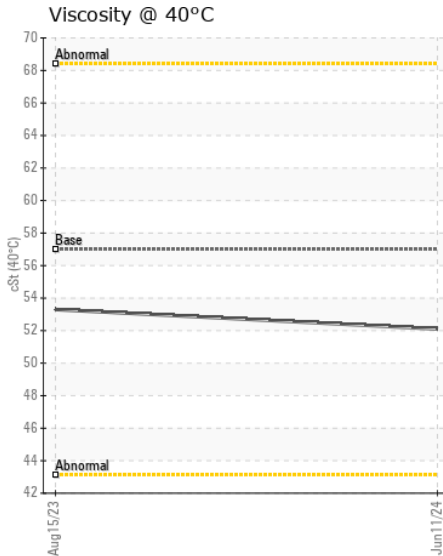
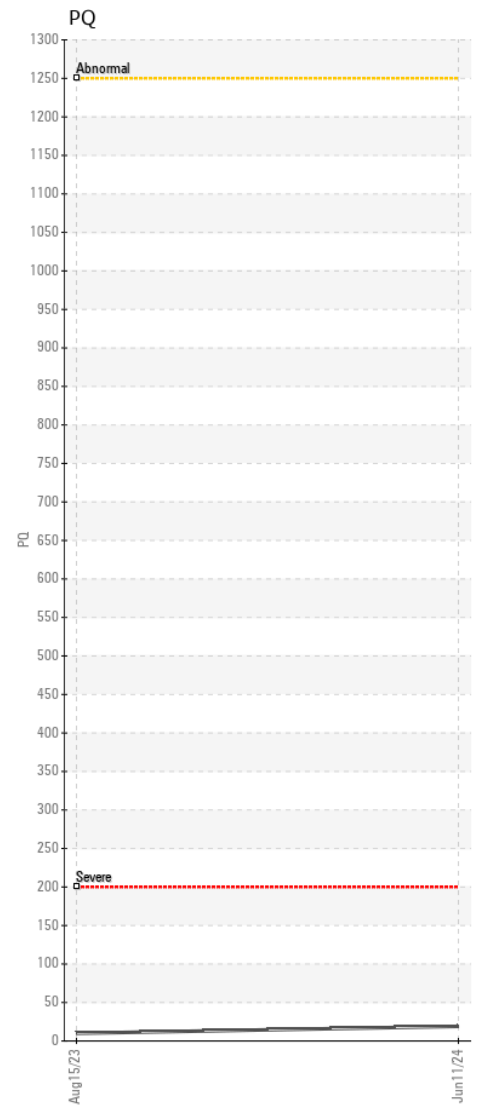
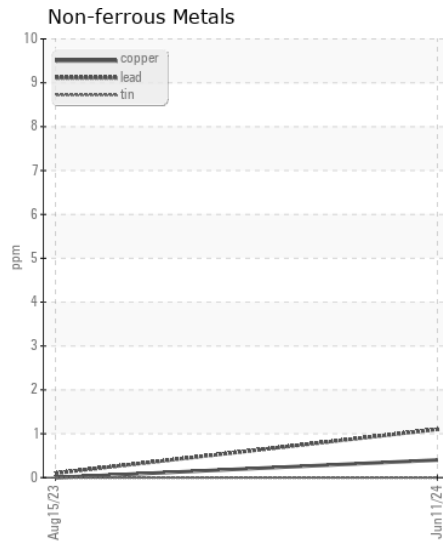
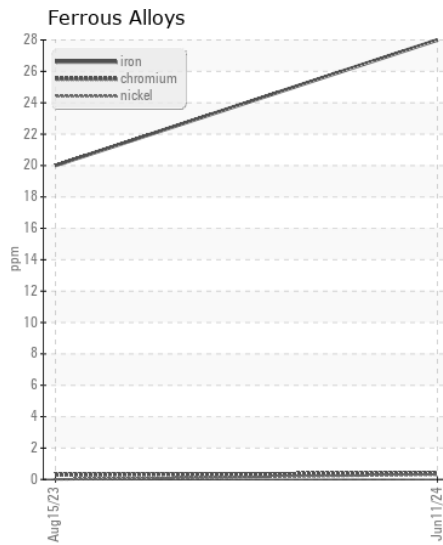
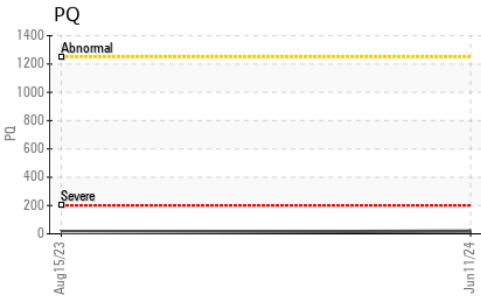
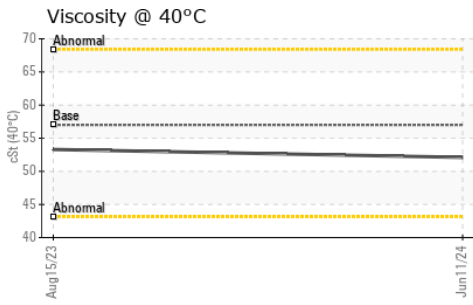
Moderate concentration of visible dirt/debris present in the oil.

Silicon	ppm	ASTM D5185m	>75	4	5	---
Potassium	ppm	ASTM D5185m	>20	1	<1	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	▲ MODER	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	1	---
Boron	ppm	ASTM D5185m	6	2	<1	---
Barium	ppm	ASTM D5185m	0	<1	0	---
Molybdenum	ppm	ASTM D5185m	0	1	0	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m	145	103	112	---
Calcium	ppm	ASTM D5185m	3570	3511	3662	---
Phosphorus	ppm	ASTM D5185m	1290	1060	1116	---
Zinc	ppm	ASTM D5185m	1640	1311	1367	---
Sulfur	ppm	ASTM D5185m		3739	4510	---
Visc @ 40°C	cSt	ASTM D445	57.0	52.1	53.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0048366 **Received** : 14 Jun 2024
Lab Number : 06210452 **Tested** : 17 Jun 2024
Unique Number : 11083316 **Diagnosed** : 18 Jun 2024 - Doug Bogart
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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