



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 4 - Fairmont [RO# 152167]
Machine Id
JOHN DEERE 700K 1T0700KXPDE289692
Component
Left Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (3 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0050956	LEC0036242	---
Sample Date		Client Info		17 Jun 2024	20 Oct 2022	---
Machine Age	hrs	Client Info		16126	15773	---
Oil Age	hrs	Client Info		353	1000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	SEVERE	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	58	851	---
Iron	ppm	ASTM D5185m	>750	106	▲ 3350	---
Chromium	ppm	ASTM D5185m	>9	2	▲ 22	---
Nickel	ppm	ASTM D5185m	>10	<1	▲ 11	---
Titanium	ppm	ASTM D5185m		1	12	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>40	6	● 120	---
Lead	ppm	ASTM D5185m	>15	1	2	---
Copper	ppm	ASTM D5185m	>40	1	10	---
Tin	ppm	ASTM D5185m	>10	<1	<1	---
Vanadium	ppm	ASTM D5185m		<1	1	---
White Metal	scalar	*Visual	NONE	LIGHT	▲ MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

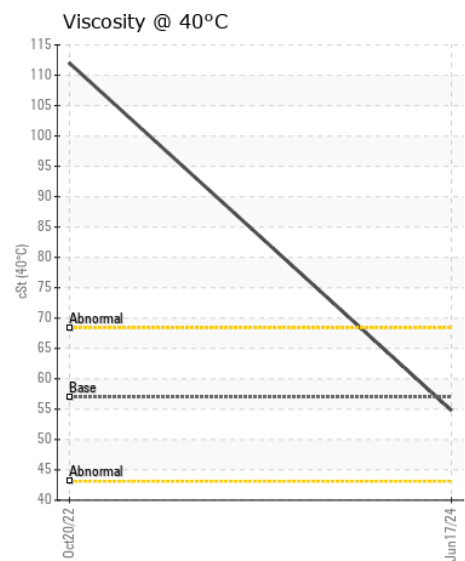
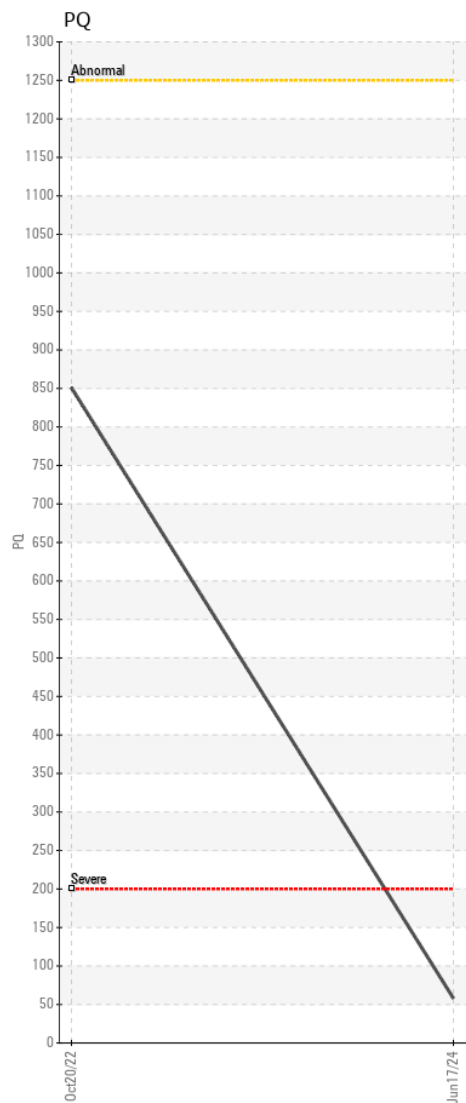
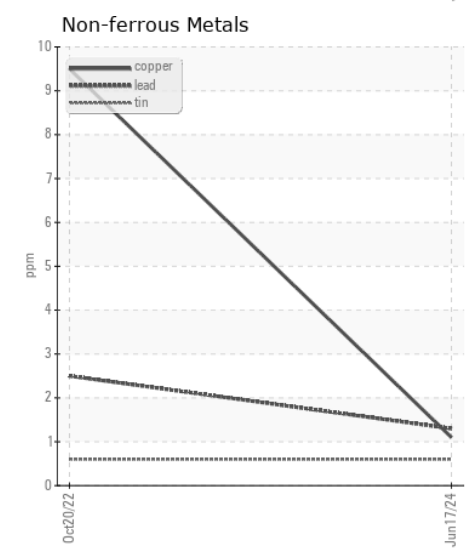
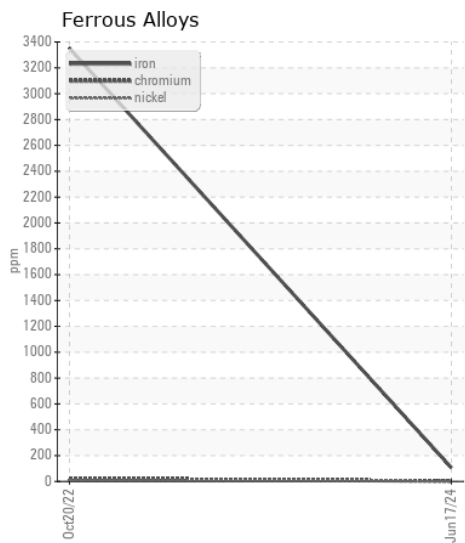
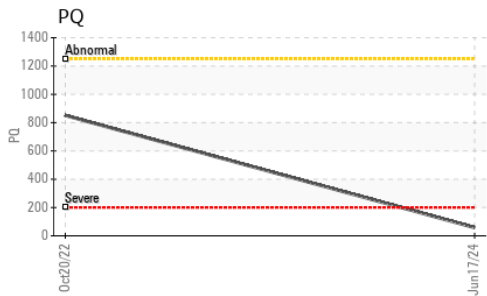
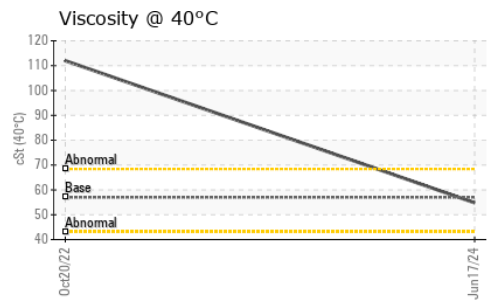
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	21	▲ 476	---
Potassium	ppm	ASTM D5185m	>20	4	13	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	LIGHT	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	>0.075	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	17	11	---
Boron	ppm	ASTM D5185m	6	7	6	---
Barium	ppm	ASTM D5185m	0	1	0	---
Molybdenum	ppm	ASTM D5185m	0	4	12	---
Manganese	ppm	ASTM D5185m		3	31	---
Magnesium	ppm	ASTM D5185m	145	110	65	---
Calcium	ppm	ASTM D5185m	3570	3562	232	---
Phosphorus	ppm	ASTM D5185m	1290	1059	315	---
Zinc	ppm	ASTM D5185m	1640	1249	142	---
Sulfur	ppm	ASTM D5185m		3650	21915	---
Visc @ 40°C	cSt	ASTM D445	57.0	54.8	112	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0050956 **Received** : 24 Jun 2024
Lab Number : 06218540 **Tested** : 25 Jun 2024
Unique Number : 11096737 **Diagnosed** : 25 Jun 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
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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)