



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 2 - Beaver [RO#152984]
Machine Id
JOHN DEERE 748L2 1DW748LBLPL717195
Component
Front Axle
Fluid
JOHN DEERE HY-GARD HYD/TRANS (8 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0035497	LEC0048638	---
Sample Date		Client Info		10 Jul 2024	23 Feb 2024	---
Machine Age	hrs	Client Info		985	487	---
Oil Age	hrs	Client Info		498	487	---
Filter Age	hrs	Client Info		498	487	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		30	29	---
Iron	ppm	ASTM D5185m	>750	41	101	---
Chromium	ppm	ASTM D5185m	>11	1	1	---
Nickel	ppm	ASTM D5185m	>10	<1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>21	3	3	---
Lead	ppm	ASTM D5185m	>49	4	5	---
Copper	ppm	ASTM D5185m	>101	19	39	---
Tin	ppm	ASTM D5185m	>10	2	3	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

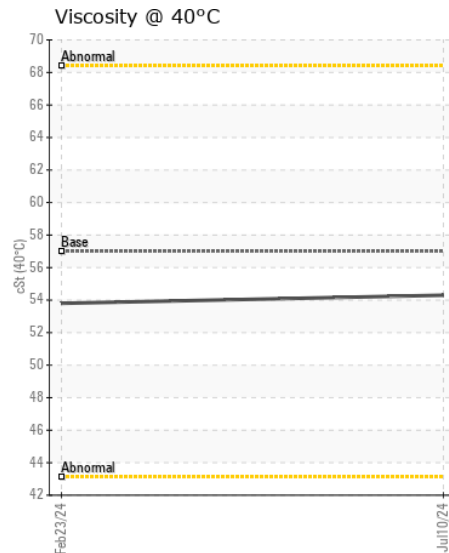
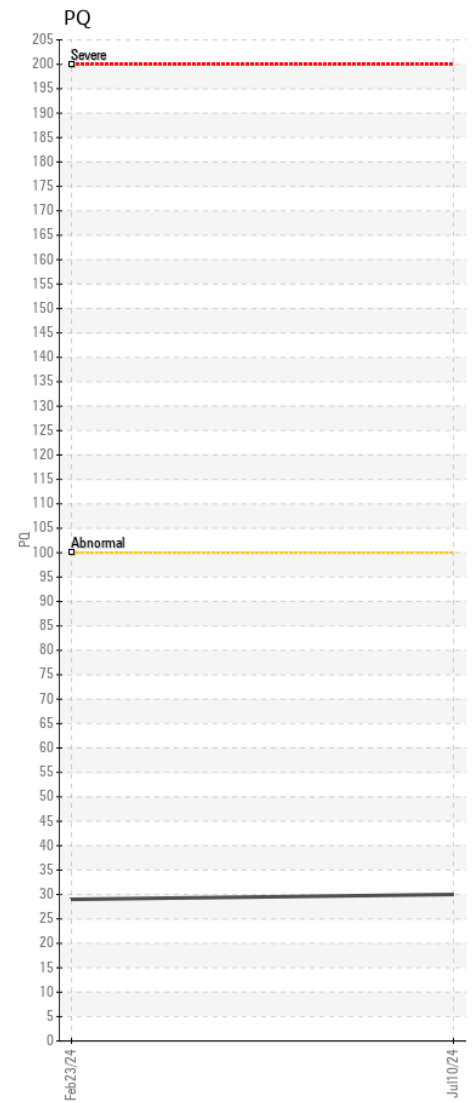
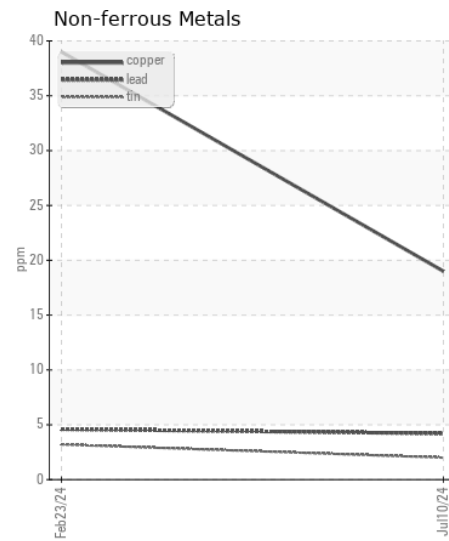
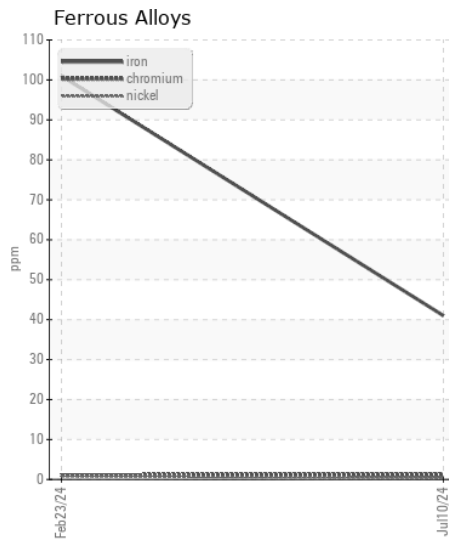
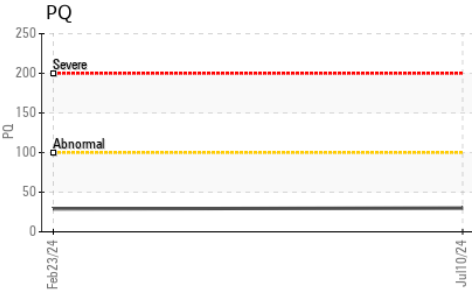
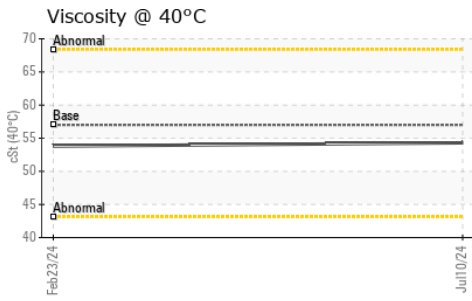
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	13	12	---
Potassium	ppm	ASTM D5185m	>20	3	4	---
Water		WC Method	>0.1	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	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<1	9	---
Boron	ppm	ASTM D5185m	6	2	2	---
Barium	ppm	ASTM D5185m	0	0	8	---
Molybdenum	ppm	ASTM D5185m	0	3	2	---
Manganese	ppm	ASTM D5185m		1	5	---
Magnesium	ppm	ASTM D5185m	145	44	123	---
Calcium	ppm	ASTM D5185m	3570	1328	4191	---
Phosphorus	ppm	ASTM D5185m	1290	832	1329	---
Zinc	ppm	ASTM D5185m	1640	996	1846	---
Sulfur	ppm	ASTM D5185m		2828	5310	---
Visc @ 40°C	cSt	ASTM D445	57.0	54.3	53.8	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0035497 **Received** : 15 Jul 2024
Lab Number : 06236459 **Tested** : 16 Jul 2024
Unique Number : 11125293 **Diagnosed** : 17 Jul 2024 - Wes Davis
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:
 F: (740)373-5570