



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 2 - Beaver [RO#149910]
Machine Id
JOHN DEERE 904P 1DW904PALPLX07507
Component
Rear Axle
Fluid
JOHN DEERE HY-GARD HYD/TRANS (18 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0048846	LEC0047645	---
Sample Date		Client Info		12 Apr 2024	30 Jan 2024	---
Machine Age	hrs	Client Info		1054	585	---
Oil Age	hrs	Client Info		469	585	---
Filter Age	hrs	Client Info		469	585	---
Oil Changed		Client Info		Not Changd	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		93	216	---
Iron	ppm	ASTM D5185m	>750	115	208	---
Chromium	ppm	ASTM D5185m	>11	2	2	---
Nickel	ppm	ASTM D5185m	>10	3	2	---
Titanium	ppm	ASTM D5185m		1	0	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>21	2	0	---
Lead	ppm	ASTM D5185m	>49	2	2	---
Copper	ppm	ASTM D5185m	>101	55	76	---
Tin	ppm	ASTM D5185m	>10	6	4	---
Vanadium	ppm	ASTM D5185m		1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

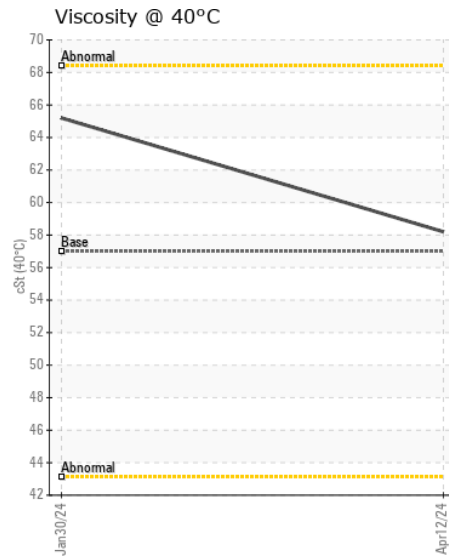
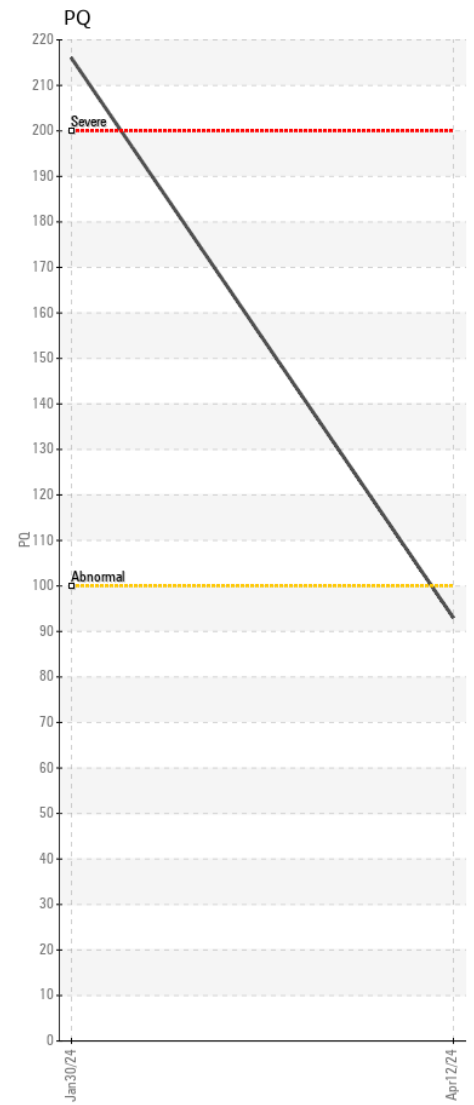
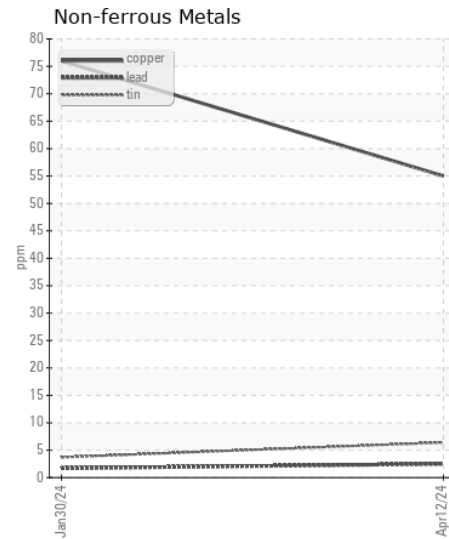
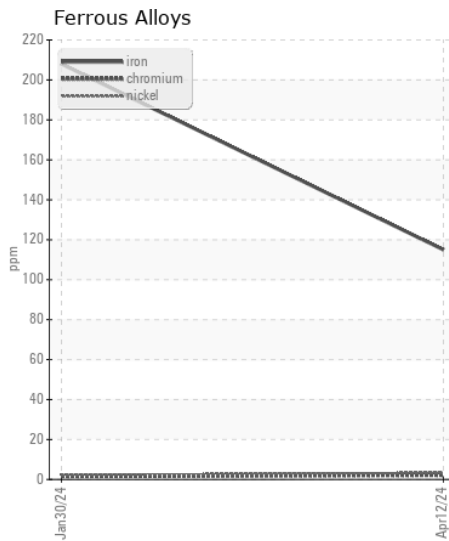
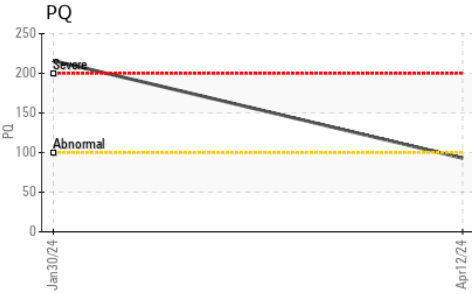
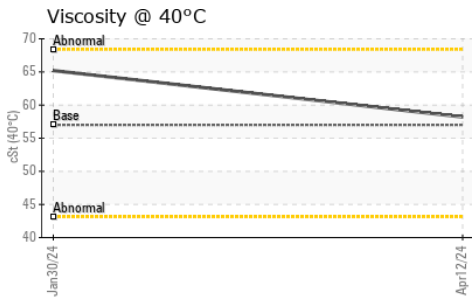
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	9	5	---
Potassium	ppm	ASTM D5185m	>20	2	0	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
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	5	15	---
Boron	ppm	ASTM D5185m	6	36	112	---
Barium	ppm	ASTM D5185m	0	4	1	---
Molybdenum	ppm	ASTM D5185m	0	2	0	---
Manganese	ppm	ASTM D5185m		22	42	---
Magnesium	ppm	ASTM D5185m	145	77	11	---
Calcium	ppm	ASTM D5185m	3570	3816	3208	---
Phosphorus	ppm	ASTM D5185m	1290	1027	1161	---
Zinc	ppm	ASTM D5185m	1640	1170	1368	---
Sulfur	ppm	ASTM D5185m		3969	3092	---
Visc @ 40°C	cSt	ASTM D445	57.0	58.2	65.2	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0048846 **Received** : 16 Apr 2024
Lab Number : 06150691 **Tested** : 17 Apr 2024
Unique Number : 10980769 **Diagnosed** : 18 Apr 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
 T:
 F: (740)373-5570

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)