



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 2 - Beaver [146373]
Machine Id
JOHN DEERE 748L2 1DW748LBLPL717195
Component
Rear Axle
Fluid
JOHN DEERE HY-GARD HYD/TRANS (9 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: Need Rushed)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0046811	---	---
Sample Date		Client Info		10 Jan 2024	---	---
Machine Age	hrs	Client Info		284	---	---
Oil Age	hrs	Client Info		284	---	---
Filter Age	hrs	Client Info		284	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		37	---	---
Iron	ppm	ASTM D5185m	>750	31	---	---
Chromium	ppm	ASTM D5185m	>11	<1	---	---
Nickel	ppm	ASTM D5185m	>10	1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>21	5	---	---
Lead	ppm	ASTM D5185m	>49	<1	---	---
Copper	ppm	ASTM D5185m	>101	0	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

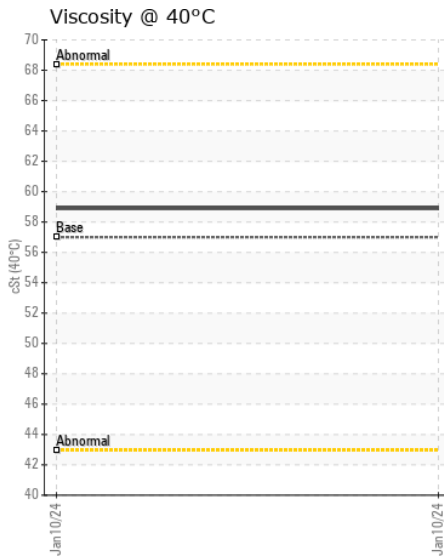
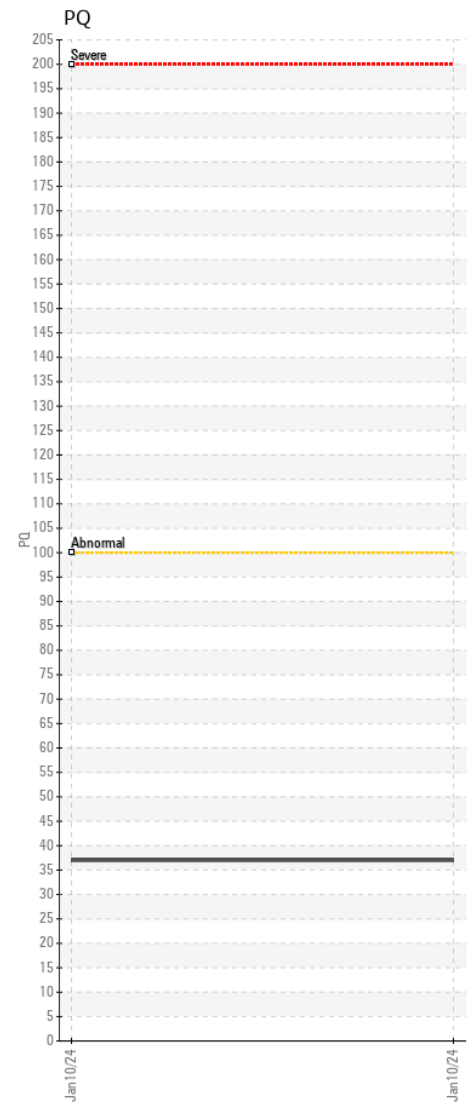
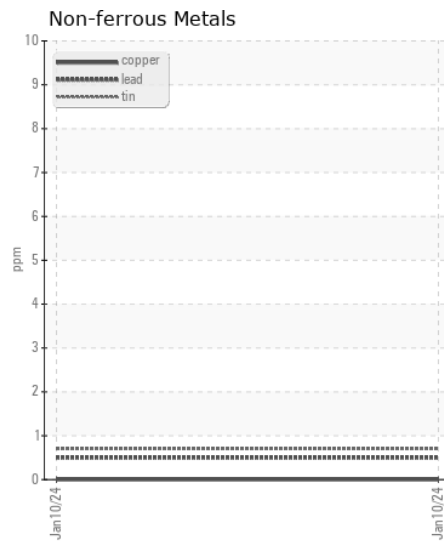
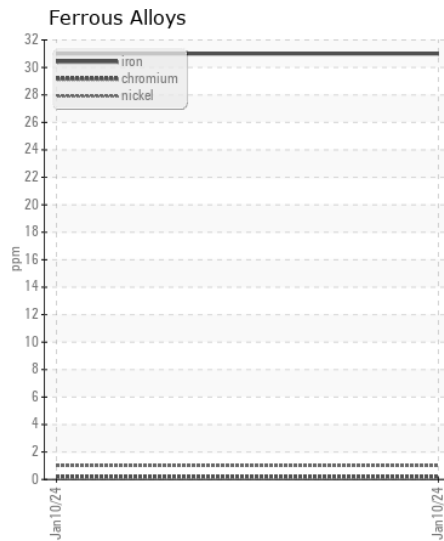
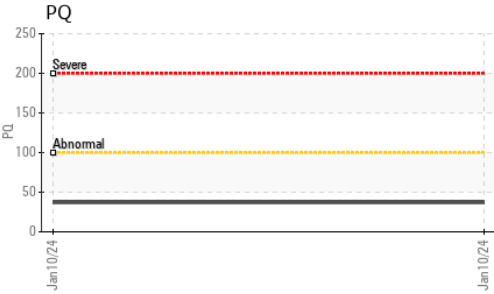
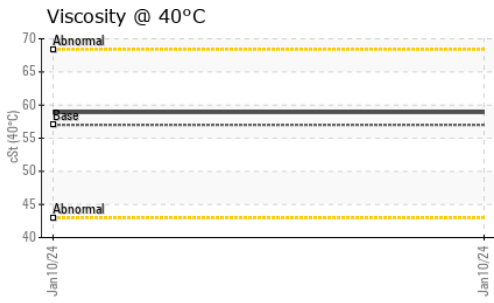
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	18	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	0	---	---
Boron	ppm	ASTM D5185m	6	0	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	2	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m	145	108	---	---
Calcium	ppm	ASTM D5185m	3570	3200	---	---
Phosphorus	ppm	ASTM D5185m	1290	989	---	---
Zinc	ppm	ASTM D5185m	1640	1269	---	---
Sulfur	ppm	ASTM D5185m		3500	---	---
Visc @ 40°C	cSt	ASTM D445	57.0	58.9	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : LEC0046811 Recieved : 11 Jan 2024
 Lab Number : 06058363 Diagnosed : 12 Jan 2024
 Unique Number : 10829745 Diagnostician : Doug Bogart
 Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
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 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)