



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 624L 1DW624LZLMF708790

Component
Front Differential
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0204619	JR0100491	---
Sample Date		Client Info		12 Feb 2024	13 Feb 2022	---
Machine Age	hrs	Client Info		5023	2365	---
Oil Age	hrs	Client Info		0	2365	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		11	20	---
Iron	ppm	ASTM D5185m	>500	3	109	---
Chromium	ppm	ASTM D5185m	>10	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	1	3	---
Lead	ppm	ASTM D5185m	>25	0	39	---
Copper	ppm	ASTM D5185m	>100	1	20	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

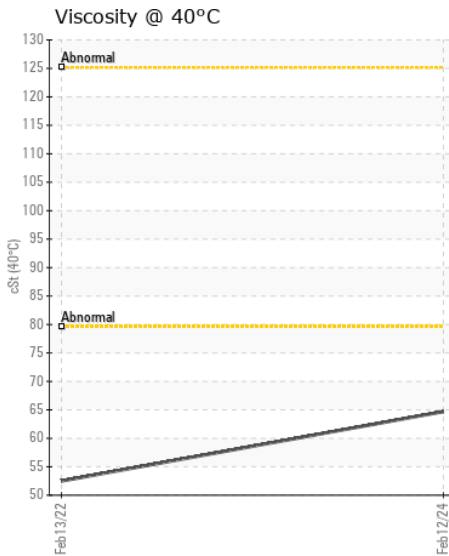
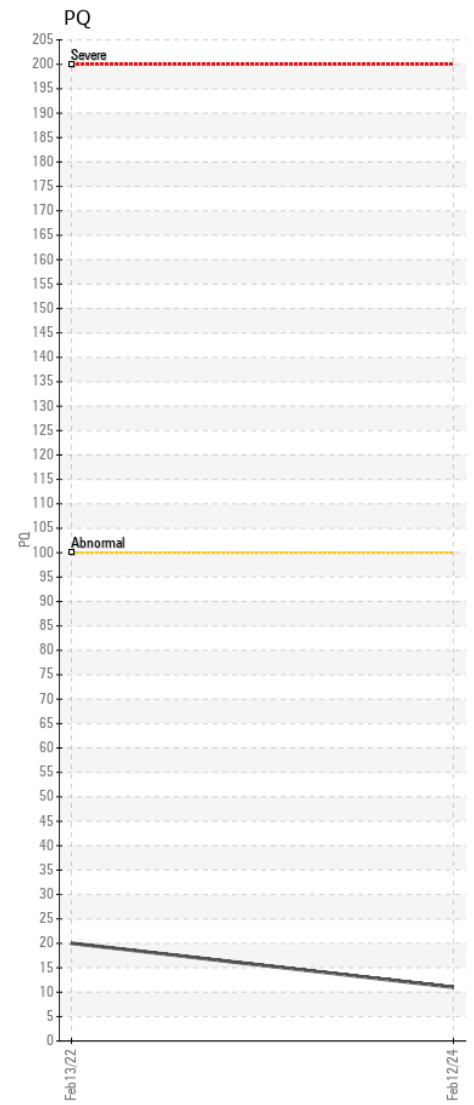
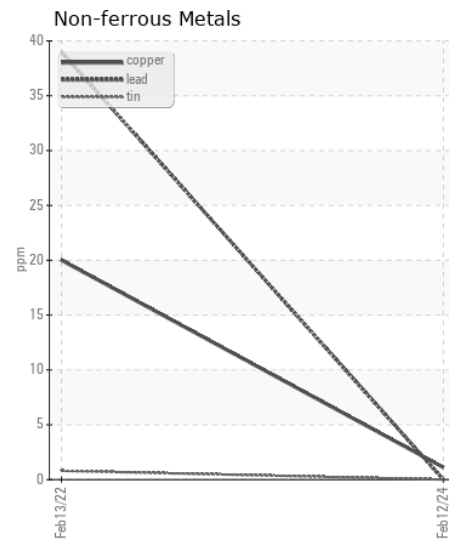
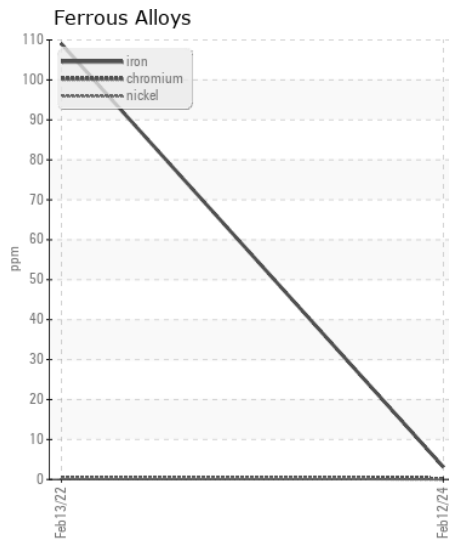
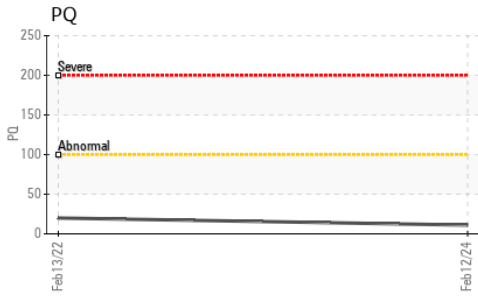
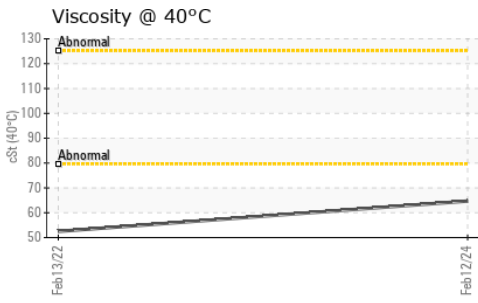
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	5	10	---
Potassium	ppm	ASTM D5185m	>20	2	5	---
Water		WC Method	>.2	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	>.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	9	---
Boron	ppm	ASTM D5185m		50	5	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		41	<1	---
Manganese	ppm	ASTM D5185m		0	3	---
Magnesium	ppm	ASTM D5185m		202	91	---
Calcium	ppm	ASTM D5185m		2851	3263	---
Phosphorus	ppm	ASTM D5185m		863	998	---
Zinc	ppm	ASTM D5185m		1185	1109	---
Sulfur	ppm	ASTM D5185m		3081	2940	---
Visc @ 40°C	cSt	ASTM D445		64.7	52.5	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0204619 **Received** : 13 Feb 2024
Lab Number : 06087632 **Tested** : 14 Feb 2024
Unique Number : 10875077 **Diagnosed** : 14 Feb 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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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)