



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 624L 1DW624LZHLF707672

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

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

The lead level is abnormal. All other component wear rates are normal.

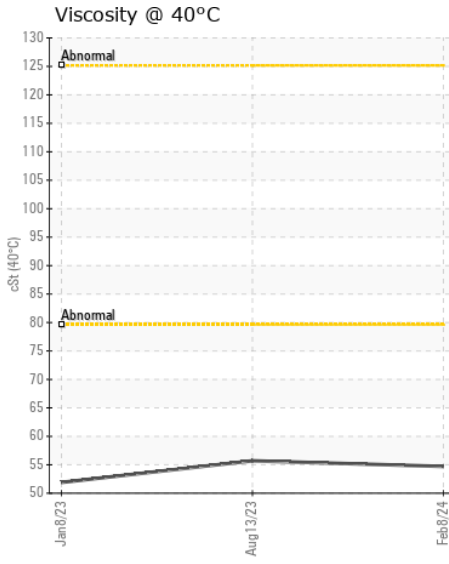
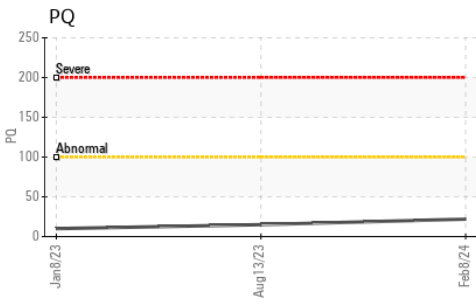
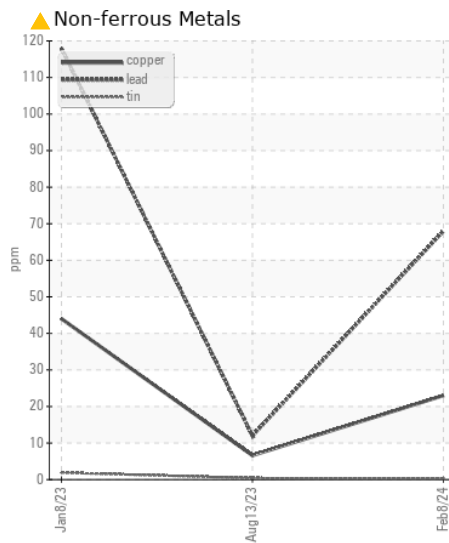
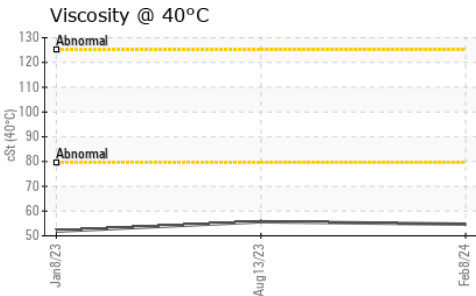
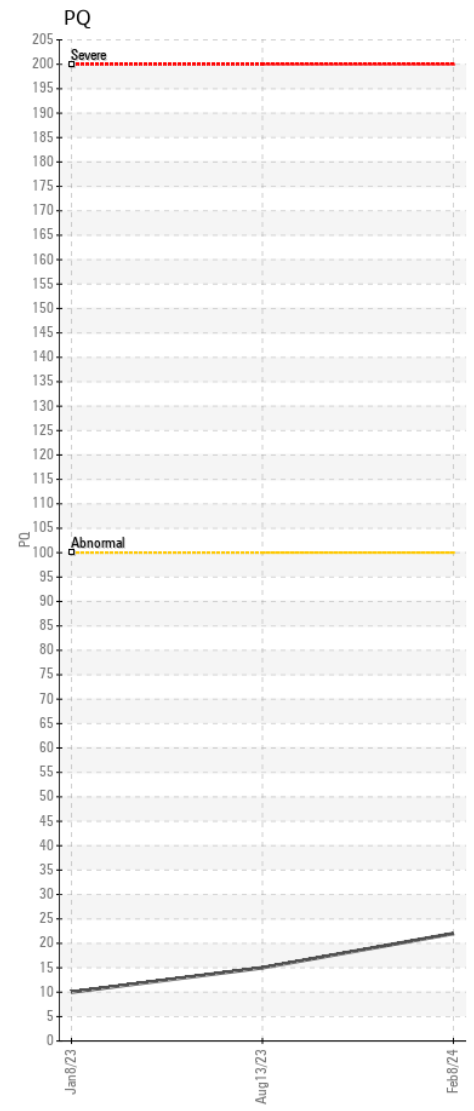
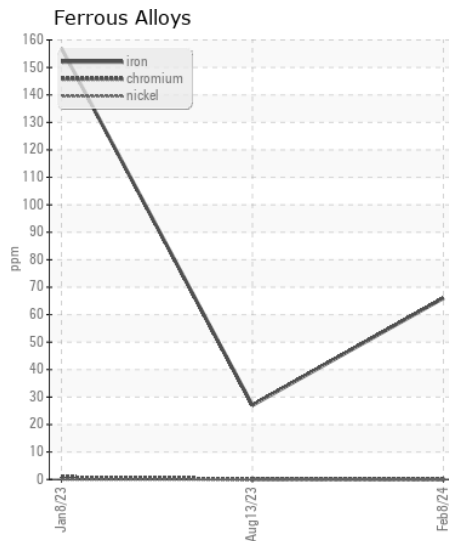
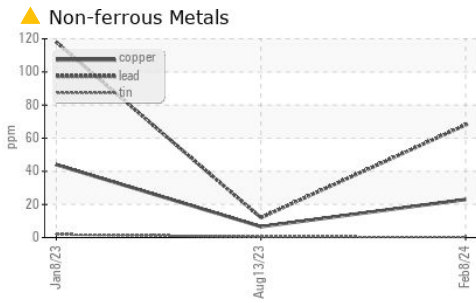
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0204554	JR0182891	JR0145715
Sample Date		Client Info		08 Feb 2024	13 Aug 2023	08 Jan 2023
Machine Age	hrs	Client Info		4249	3149	2021
Oil Age	hrs	Client Info		4249	0	0
Filter Age	hrs	Client Info		4249	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	ABNORMAL
PQ		ASTM D8184		22	15	10
Iron	ppm	ASTM D5185m	>500	66	27	157
Chromium	ppm	ASTM D5185m	>10	0	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>25	▲ 68	12	▲ 118
Copper	ppm	ASTM D5185m	>100	23	7	44
Tin	ppm	ASTM D5185m	>10	<1	<1	2
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	5	5	10
Potassium	ppm	ASTM D5185m	>20	0	<1	4
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		4	2	5
Boron	ppm	ASTM D5185m		25	22	6
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		17	16	<1
Manganese	ppm	ASTM D5185m		1	<1	4
Magnesium	ppm	ASTM D5185m		131	145	87
Calcium	ppm	ASTM D5185m		2965	3393	3269
Phosphorus	ppm	ASTM D5185m		960	1015	991
Zinc	ppm	ASTM D5185m		1101	1211	1133
Sulfur	ppm	ASTM D5185m		3274	4203	3668
Visc @ 40°C	cSt	ASTM D445		54.7	55.7	51.9



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0204554 **Received** : 09 Feb 2024
Lab Number : 06085505 **Tested** : 12 Feb 2024
Unique Number : 10872950 **Diagnosed** : 13 Feb 2024 - Angela Borella
Test Package : CONST (Additional Tests: PQ)

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Certificate L2367
 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)