



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[W64224]

Machine Id

JOHN DEERE 624L 1DW624LZVKF696392

Component

Brake

Fluid

JOHN DEERE HY-GARD HYD/TRANS (1 QTS)

RECOMMENDATION

Resample at the next service interval to monitor. Note that there appears to be a discrepancy in the total time on this component, when compared to the historical data. (Customer Sample Comment: W64224)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0204172	JR0177354	JR0171922
Sample Date		Client Info		22 Feb 2024	29 Aug 2023	02 Jun 2023
Machine Age	hrs	Client Info		7960	8420	6945
Oil Age	hrs	Client Info		7960	8420	5465
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	ABNORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		34	13	84
Iron	ppm	ASTM D5185m	>350	80	67	221
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		4	0	18
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>8	3	2	4
Lead	ppm	ASTM D5185m	>10	2	▲ 105	5
Copper	ppm	ASTM D5185m	>150	0	22	2
Tin	ppm	ASTM D5185m	>5	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

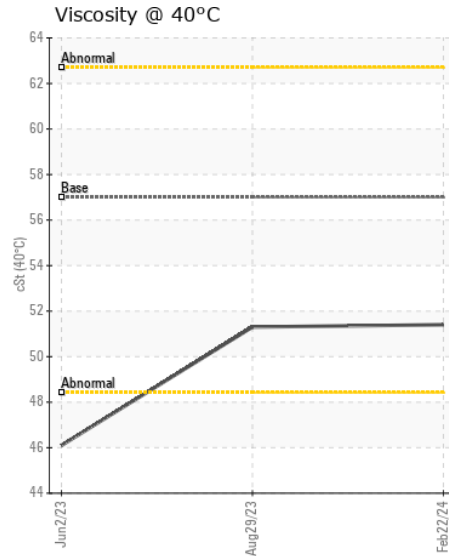
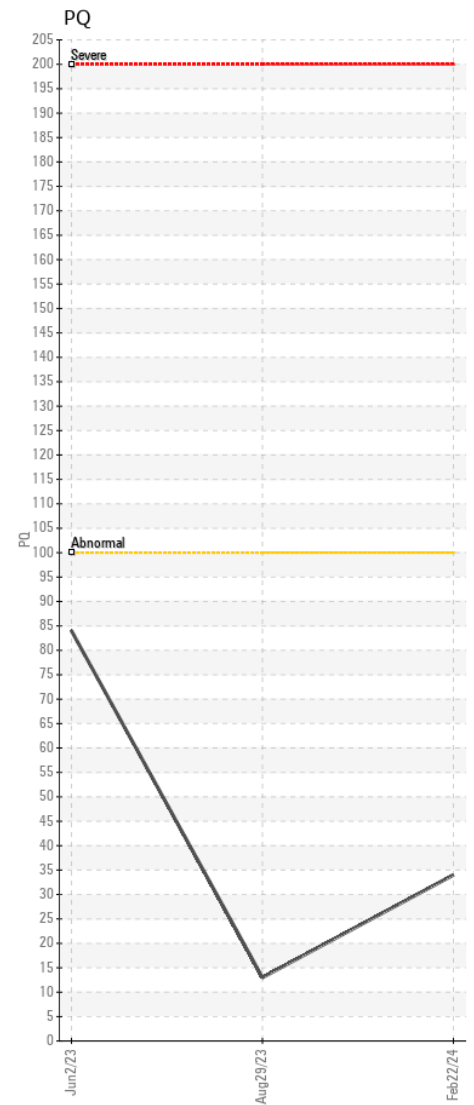
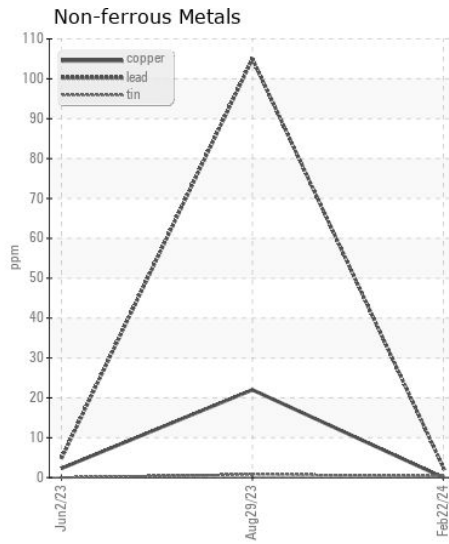
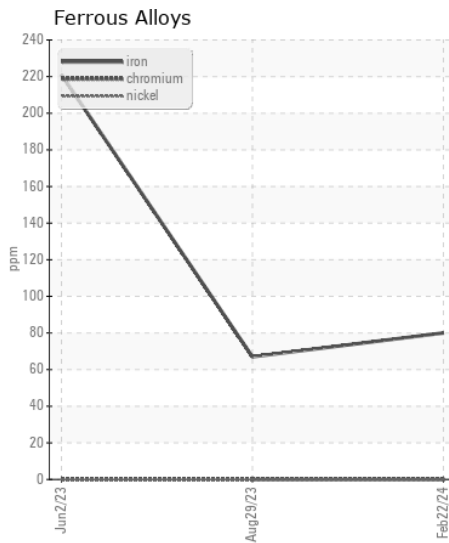
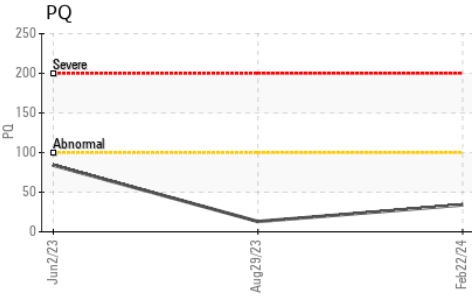
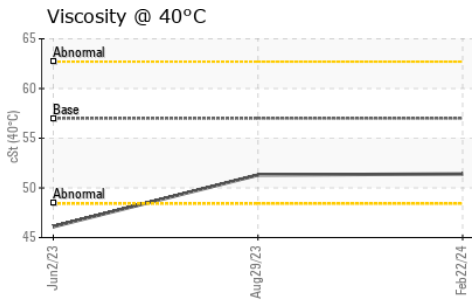
There is no indication of any contamination in the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>400	84	4	312
Potassium	ppm	ASTM D5185m	>20	<1	<1	0
Water		WC Method	>0.2	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	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		9	4	15
Boron	ppm	ASTM D5185m	6	42	0	123
Barium	ppm	ASTM D5185m	0	3	0	0
Molybdenum	ppm	ASTM D5185m	0	13	0	44
Manganese	ppm	ASTM D5185m		1	<1	3
Magnesium	ppm	ASTM D5185m	145	188	82	490
Calcium	ppm	ASTM D5185m	3570	2865	2921	2077
Phosphorus	ppm	ASTM D5185m	1290	902	927	778
Zinc	ppm	ASTM D5185m	1640	1039	1088	882
Sulfur	ppm	ASTM D5185m		3343	3876	3843
Visc @ 40°C	cSt	ASTM D445	57.0	51.4	51.3	46.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0204172 **Received** : 28 Feb 2024
Lab Number : 06103233 **Tested** : 01 Mar 2024
Unique Number : 10901463 **Diagnosed** : 01 Mar 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)