



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 844K 1DW844KXAA0633203

Component
Transmission (Auto)
Fluid
Transmission Oil (48 QTS)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0208821	JR0213982	JR0200950
Sample Date		Client Info		27 Jun 2024	13 Jun 2024	29 Jan 2024
Machine Age	hrs	Client Info		26362	28585	26828
Oil Age	hrs	Client Info		28585	24342	24829
Filter Age	hrs	Client Info		38	0	0
Oil Changed		Client Info		N/A	Changed	Not Changd
Filter Changed		Client Info		N/A	Changed	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

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

PQ		ASTM D8184	>50	33	67	52
Iron	ppm	ASTM D5185m	>160	▲ 279	▲ 462	▲ 370
Chromium	ppm	ASTM D5185m	>5	3	4	4
Nickel	ppm	ASTM D5185m	>5	<1	<1	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>5	<1	0	0
Aluminum	ppm	ASTM D5185m	>50	2	2	2
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>225	4	5	4
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

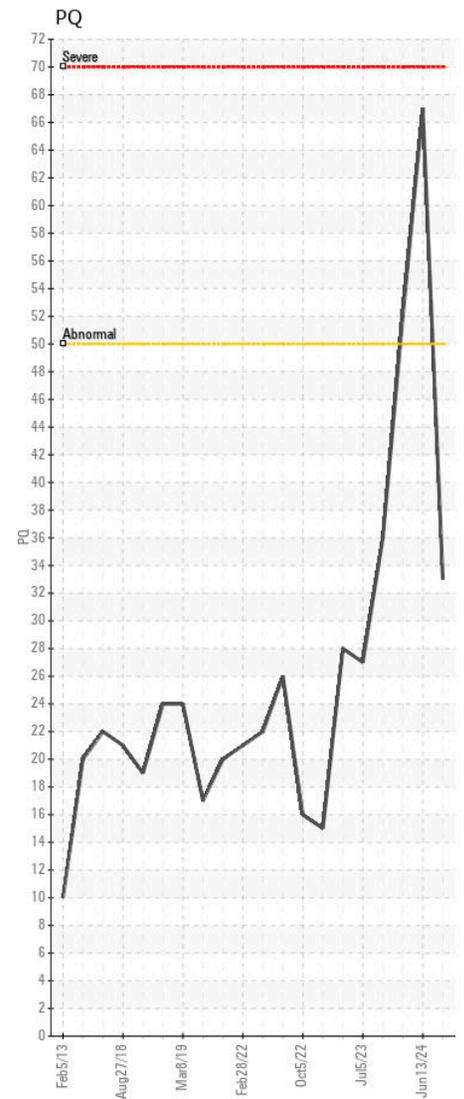
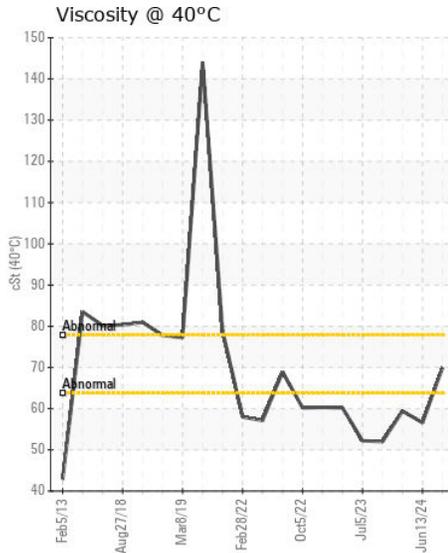
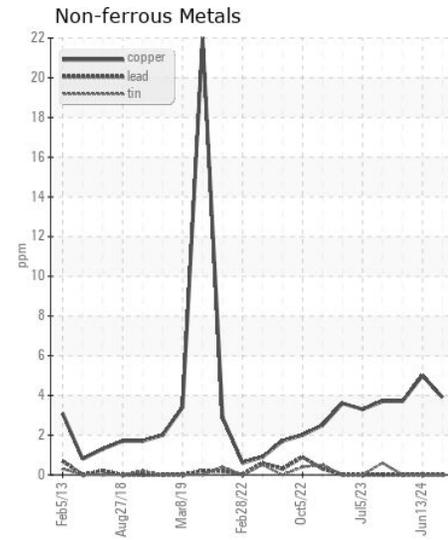
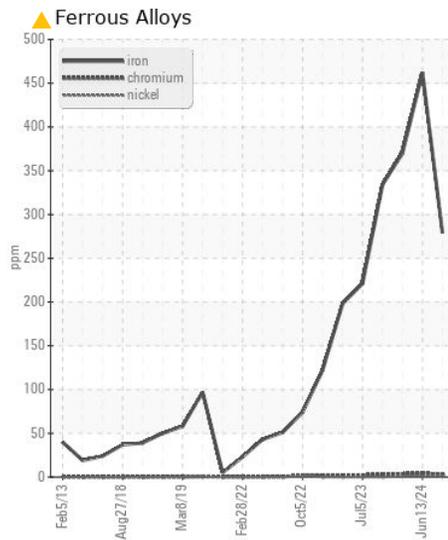
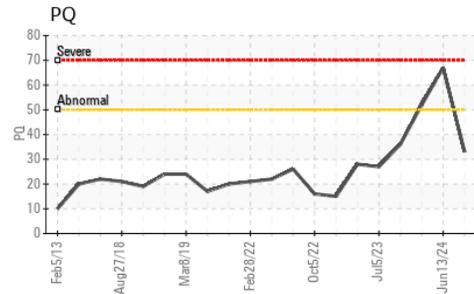
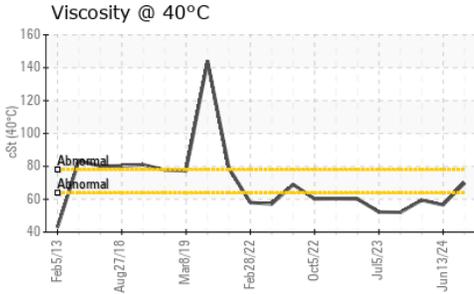
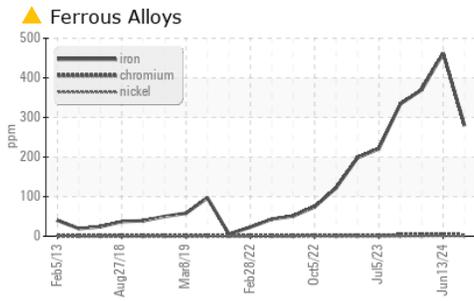
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	18	▲ 20	▲ 22
Potassium	ppm	ASTM D5185m	>20	4	2	2
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		4	3	0
Boron	ppm	ASTM D5185m		17	24	21
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		7	9	10
Manganese	ppm	ASTM D5185m		4	5	4
Magnesium	ppm	ASTM D5185m		59	70	68
Calcium	ppm	ASTM D5185m		3128	2880	2760
Phosphorus	ppm	ASTM D5185m		902	941	948
Zinc	ppm	ASTM D5185m		1038	1047	1059
Sulfur	ppm	ASTM D5185m		3784	3853	3875
Visc @ 40°C	cSt	ASTM D445		69.9	56.6	59.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0208821 **Received** : 28 Jun 2024
Lab Number : 06223667 **Tested** : 01 Jul 2024
Unique Number : 11101864 **Diagnosed** : 01 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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)

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