



WEAR	<b>ATTENTION</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**JOHN DEERE 410E 1DW410EBENF716069**  
 Component  
**Transmission (Auto)**  
 Fluid  
**TES SYN 295 (--- GAL)**

### RECOMMENDATION

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0204050</b>	JR0188898	JR0171080
Sample Date		Client Info		<b>20 Feb 2024</b>	20 Oct 2023	17 Jul 2023
Machine Age	hrs	Client Info		<b>2043</b>	1560	480
Oil Age	hrs	Client Info		<b>2043</b>	1560	987
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Sample Status				<b>ATTENTION</b>	NORMAL	NORMAL

### WEAR

An increase in the iron level is noted. All other component wear rates are normal.

PQ		ASTM D8184	>50	<b>28</b>	10	28
Iron	ppm	ASTM D5185m	>160	<b>▲ 85</b>	0	46
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>1</b>	0	0
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	<1
Copper	ppm	ASTM D5185m	>225	<b>2</b>	0	2
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

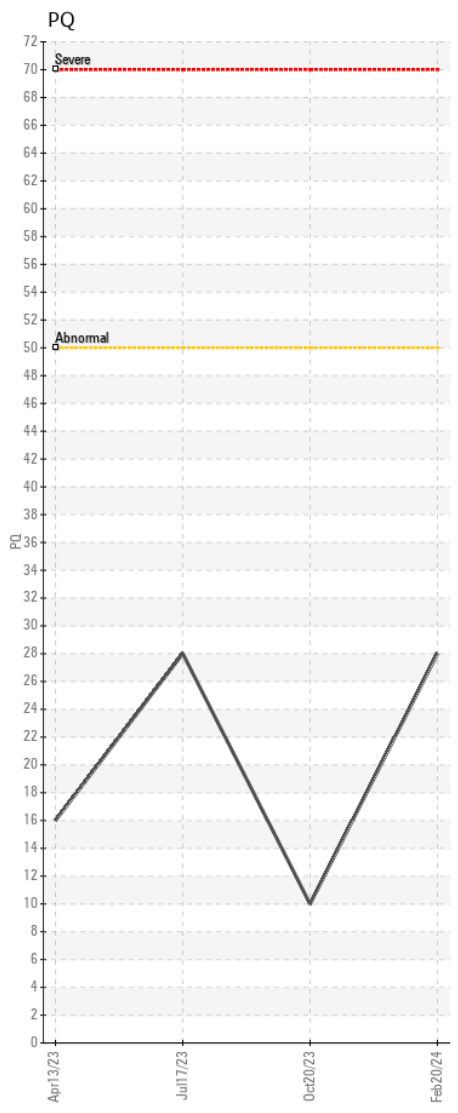
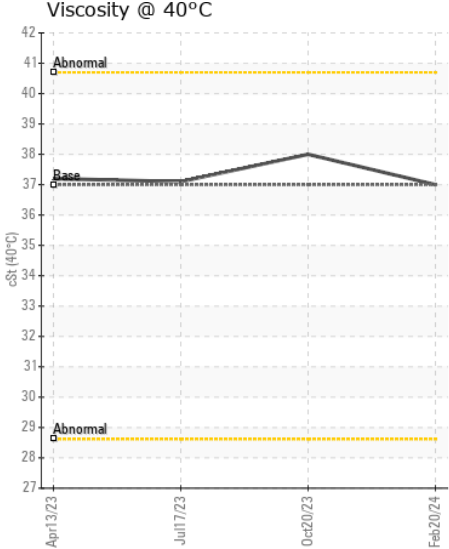
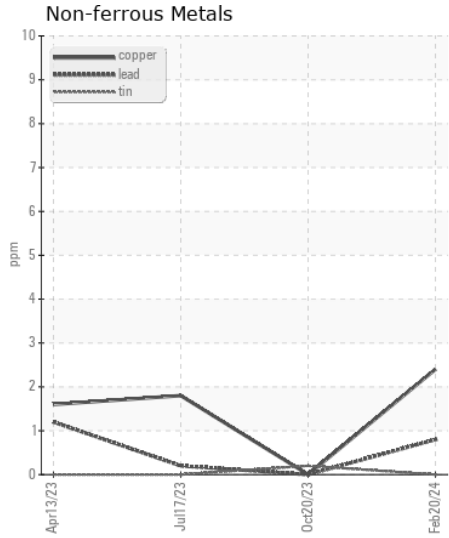
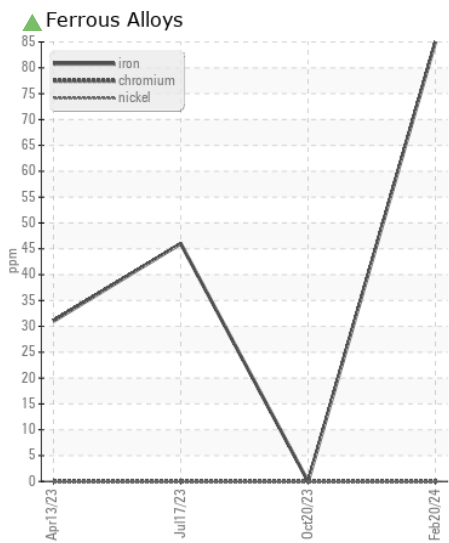
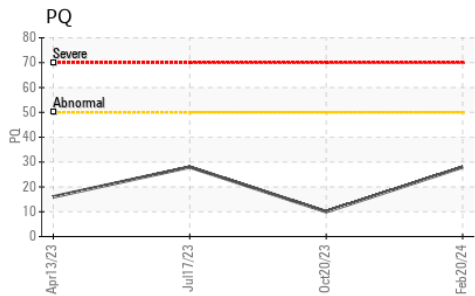
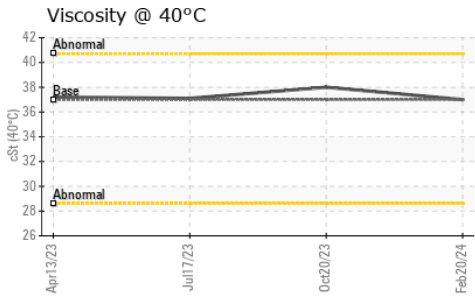
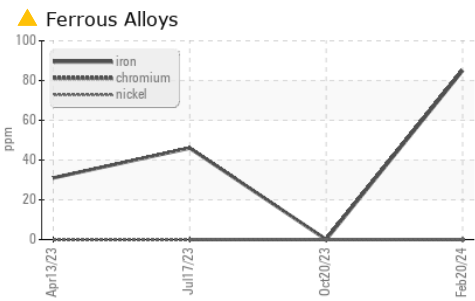
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>7</b>	<1	6
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	0	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

The condition of the fluid is suitable for further service.

Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	0	4
Boron	ppm	ASTM D5185m	85	<b>126</b>	136	161
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	1
Magnesium	ppm	ASTM D5185m	1	<b>3</b>	2	2
Calcium	ppm	ASTM D5185m	100	<b>137</b>	30	156
Phosphorus	ppm	ASTM D5185m	200	<b>230</b>	276	273
Zinc	ppm	ASTM D5185m	0	<b>30</b>	0	26
Sulfur	ppm	ASTM D5185m	1500	<b>461</b>	245	560
Visc @ 40°C	cSt	ASTM D445	37.0	<b>37.0</b>	38.0	37.1



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0204050 **Received** : 22 Feb 2024  
**Lab Number** : 06097238 **Tested** : 23 Feb 2024  
**Unique Number** : 10890091 **Diagnosed** : 23 Feb 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - CHARLOTTE**  
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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)