



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

Area  
**[CHANEY ENTERPRISES]**  
 Machine Id  
**JOHN DEERE 624L 1DW624LZVLF706825**  
 Component  
**Transmission (Manual)**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0196038</b>	JR0190107	JR0182068
Sample Date		Client Info		<b>23 Feb 2024</b>	02 Nov 2023	25 Jul 2023
Machine Age	hrs	Client Info		<b>6930</b>	6434	6100
Oil Age	hrs	Client Info		<b>0</b>	5833	601
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>11</b>	8	12
Iron	ppm	ASTM D5185m	>200	<b>16</b>	15	14
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	>7	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	<1	1
Lead	ppm	ASTM D5185m	>45	<b>1</b>	<1	<1
Copper	ppm	ASTM D5185m	>225	<b>5</b>	5	5
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

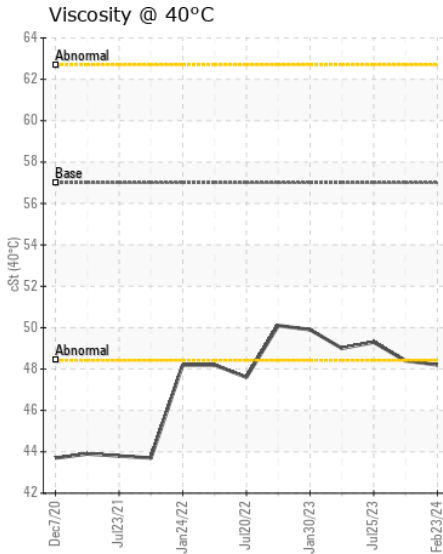
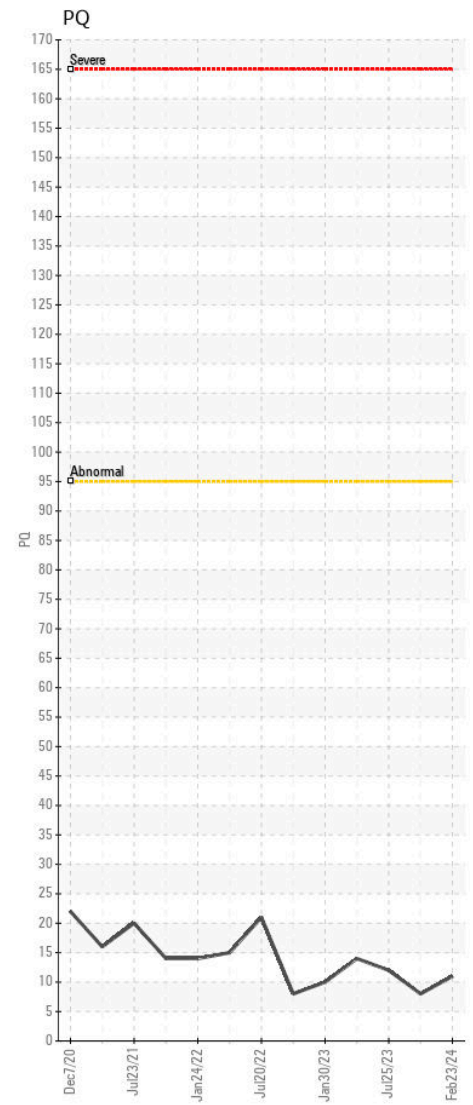
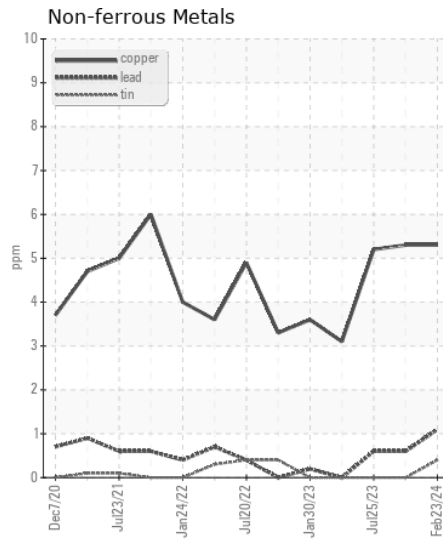
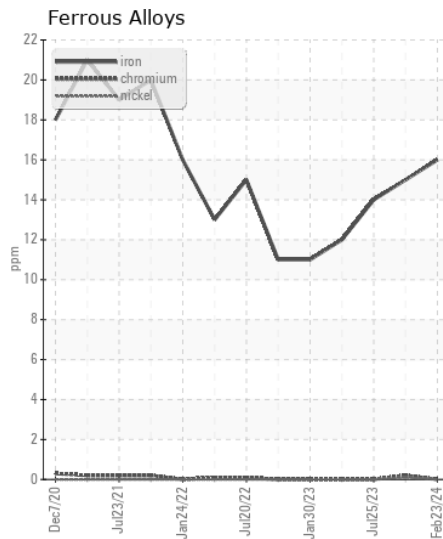
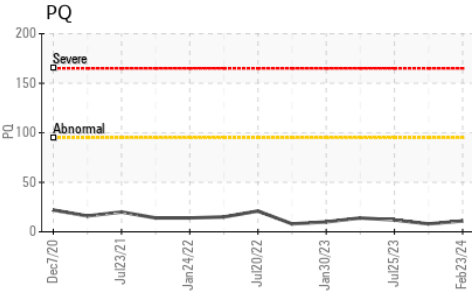
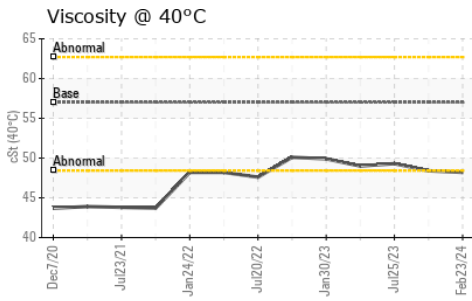
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	<b>13</b>	12	13
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	3	3
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 acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>6</b>	3	1
Boron	ppm	ASTM D5185m	6	<b>10</b>	10	6
Barium	ppm	ASTM D5185m	0	<b>0</b>	2	0
Molybdenum	ppm	ASTM D5185m	0	<b>4</b>	4	5
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	145	<b>98</b>	94	103
Calcium	ppm	ASTM D5185m	3570	<b>3174</b>	2947	3543
Phosphorus	ppm	ASTM D5185m	1290	<b>934</b>	945	1047
Zinc	ppm	ASTM D5185m	1640	<b>1151</b>	1108	1240
Sulfur	ppm	ASTM D5185m		<b>3226</b>	3139	3968
Visc @ 40°C	cSt	ASTM D445	57.0	<b>48.2</b>	48.4	49.3



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0196038 **Received** : 27 Feb 2024  
**Lab Number** : 06102565 **Tested** : 29 Feb 2024  
**Unique Number** : 10900795 **Diagnosed** : 29 Feb 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
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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)