



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

Machine Id  
**C290095 (S/N VCE0L60HC0S622042)**  
 Component  
**Rear Transmission (Auto)**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (5 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0219766</b>	JR0192586	JR0161610
Sample Date		Client Info		<b>20 Jun 2024</b>	04 Dec 2023	16 May 2023
Machine Age	hrs	Client Info		<b>2192</b>	1463	1463
Oil Age	hrs	Client Info		<b>2192</b>	1463	0
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	>50	<b>21</b>	21	23
Iron	ppm	ASTM D5185m	>160	<b>118</b>	98	85
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>5	<b>1</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>2</b>	1	<1
Lead	ppm	ASTM D5185m	>50	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>225	<b>8</b>	7	6
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

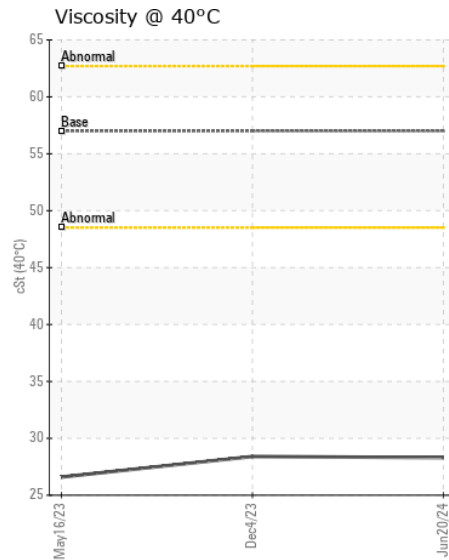
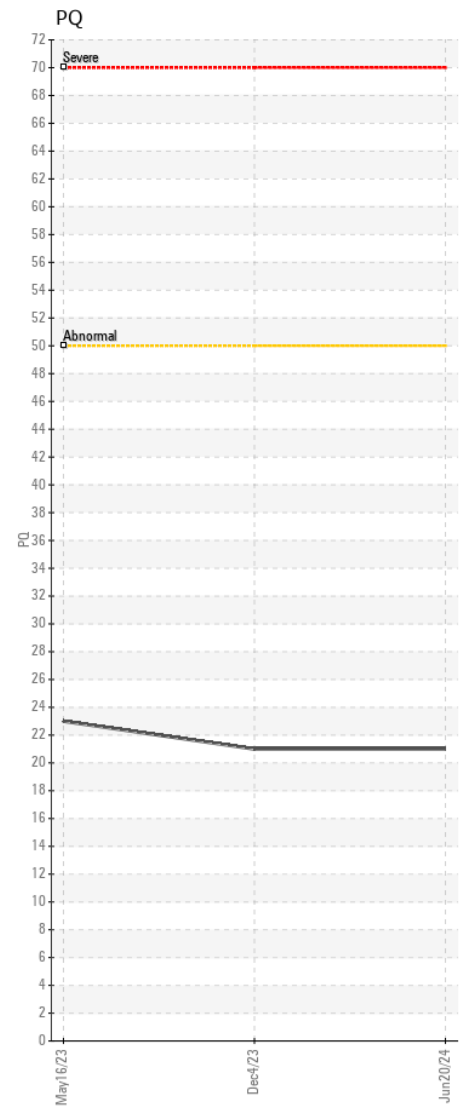
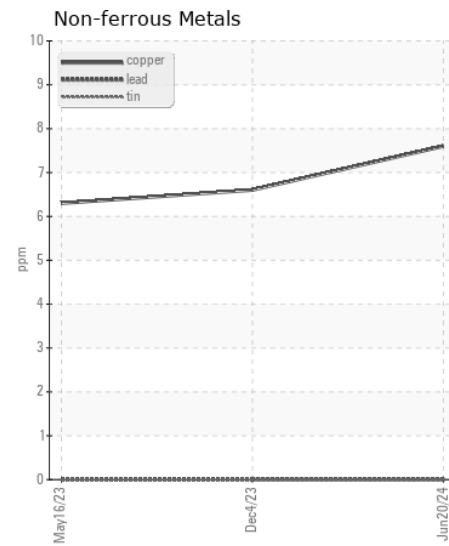
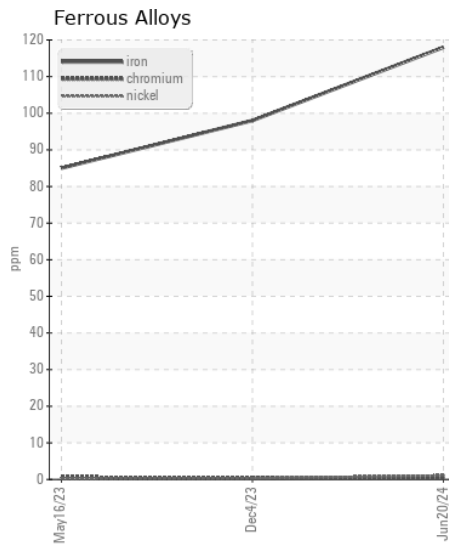
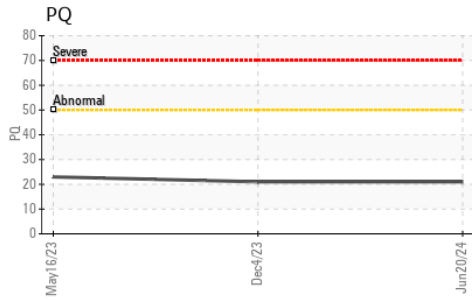
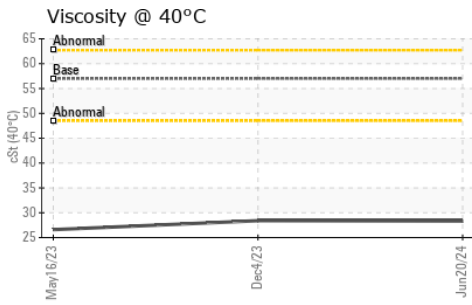
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>12</b>	11	10
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	2	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>7</b>	4	4
Boron	ppm	ASTM D5185m	6	<b>52</b>	51	52
Barium	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>10</b>	9	10
Magnesium	ppm	ASTM D5185m	145	<b>14</b>	14	4
Calcium	ppm	ASTM D5185m	3570	<b>499</b>	441	103
Phosphorus	ppm	ASTM D5185m	1290	<b>278</b>	259	175
Zinc	ppm	ASTM D5185m	1640	<b>185</b>	166	44
Sulfur	ppm	ASTM D5185m		<b>2082</b>	1741	1879
Visc @ 40°C	cSt	ASTM D445	57.0	<b>28.3</b>	28.4	26.6



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0219766 **Received** : 25 Jun 2024  
**Lab Number** : 06219951 **Tested** : 26 Jun 2024  
**Unique Number** : 11098148 **Diagnosed** : 26 Jun 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)