



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



Area  
**[47134]**

Machine Id  
**JOHN DEERE 672GP 1DW672GPCMF712941**

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>JR0218582</b>	JR0190209	JR0166238
Sample Date		Client Info		<b>19 Jun 2024</b>	04 Oct 2023	05 Apr 2023
Machine Age	hrs	Client Info		<b>1961</b>	975	946
Oil Age	hrs	Client Info		<b>1961</b>	975	946
Filter Age	hrs	Client Info		<b>0</b>	0	946
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>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>15</b>	13	18
Iron	ppm	ASTM D5185m	>200	<b>26</b>	25	22
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>7	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	1
Lead	ppm	ASTM D5185m	>45	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>225	<b>14</b>	15	12
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	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

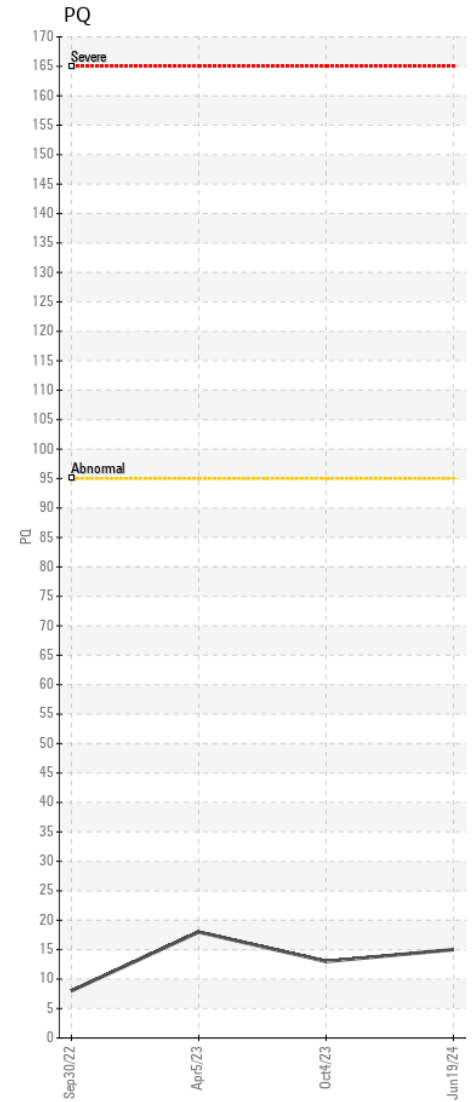
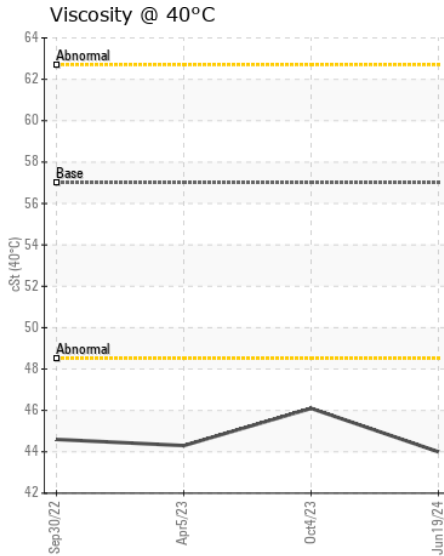
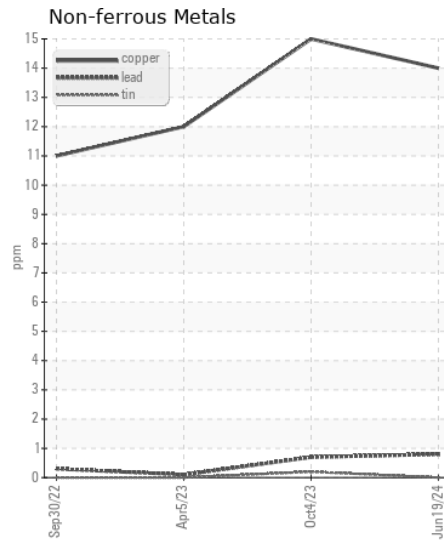
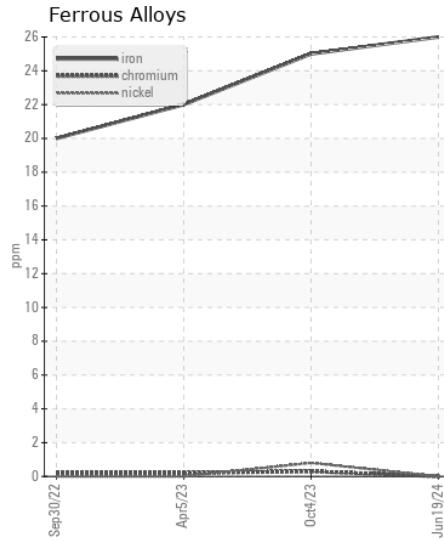
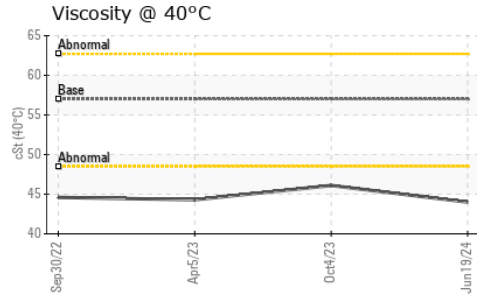
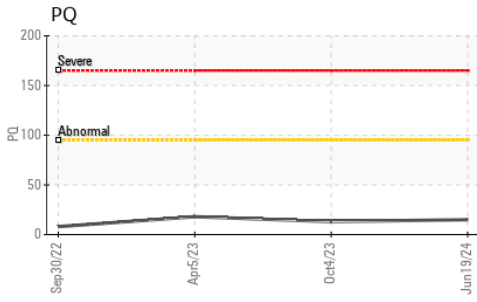
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	<b>5</b>	6	5
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	4	<1
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>	0	5
Boron	ppm	ASTM D5185m	6	<b>2</b>	2	<1
Barium	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	2
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>7</b>	8	5
Magnesium	ppm	ASTM D5185m	145	<b>85</b>	102	101
Calcium	ppm	ASTM D5185m	3570	<b>3291</b>	3501	3578
Phosphorus	ppm	ASTM D5185m	1290	<b>1047</b>	1276	1111
Zinc	ppm	ASTM D5185m	1640	<b>1214</b>	1657	1348
Sulfur	ppm	ASTM D5185m		<b>3912</b>	6807	4441
Visc @ 40°C	cSt	ASTM D445	57.0	<b>44.0</b>	46.1	44.3



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0218582 **Received** : 20 Jun 2024  
**Lab Number** : 06215956 **Tested** : 24 Jun 2024  
**Unique Number** : 11088820 **Diagnosed** : 24 Jun 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
 9107 OWENS DRIVE  
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 US 20111

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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)