



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



Area  
**[05W45742]**  
 Machine Id  
**JOHN DEERE 672GP 1DW672GPEMF712470**  
 Component  
**Transmission**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (28 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0210962</b>	JR0184188	JR0166638
Sample Date		Client Info		<b>05 Apr 2024</b>	29 Aug 2023	12 Apr 2023
Machine Age	hrs	Client Info		<b>2969</b>	2464	1966
Oil Age	hrs	Client Info		<b>1000</b>	0	1966
Filter Age	hrs	Client Info		<b>1000</b>	0	1966
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	<b>19</b>	13	19
Iron	ppm	ASTM D5185m	>61	<b>16</b>	20	32
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m		<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>20	<b>2</b>	3	<1
Lead	ppm	ASTM D5185m	>9	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>100	<b>6</b>	5	14
Tin	ppm	ASTM D5185m	>3	<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

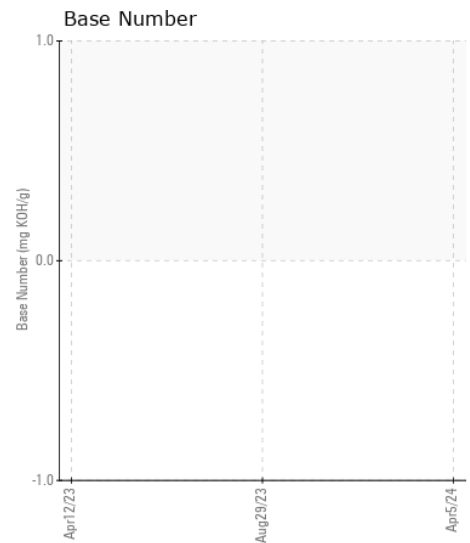
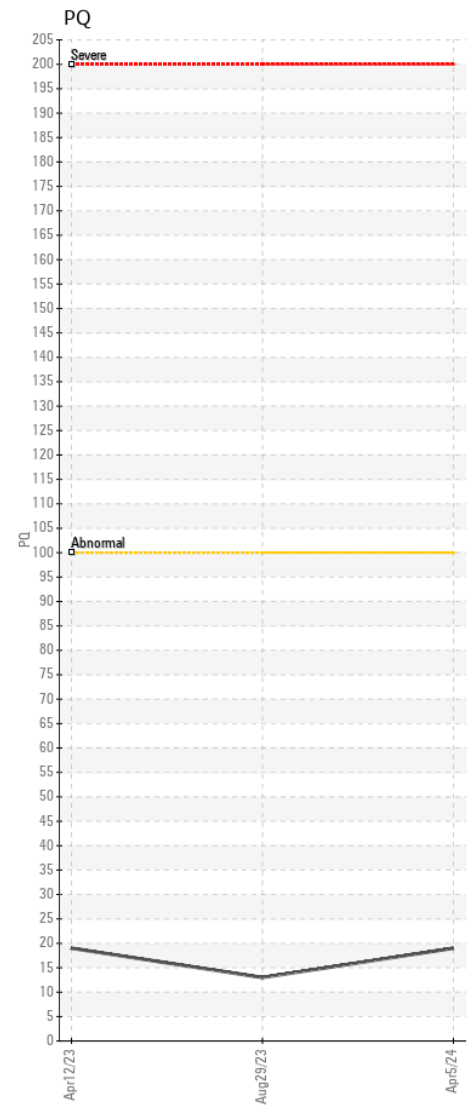
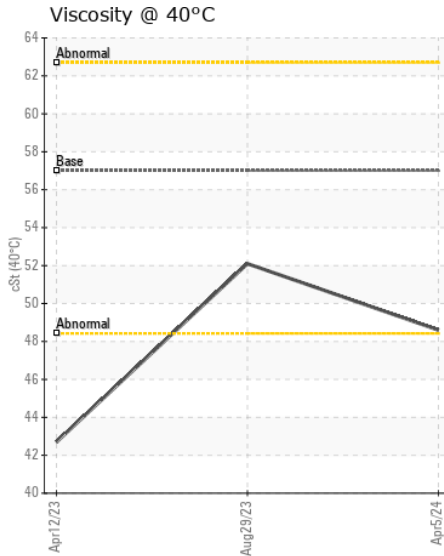
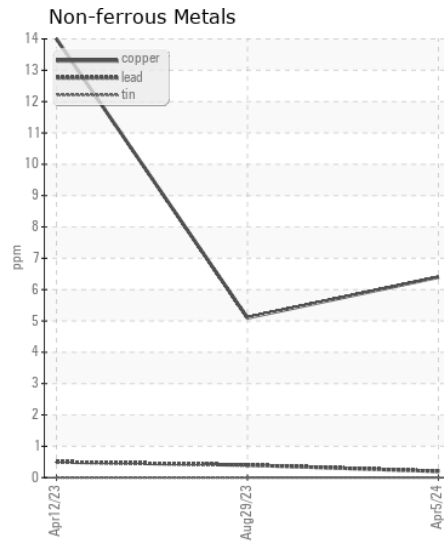
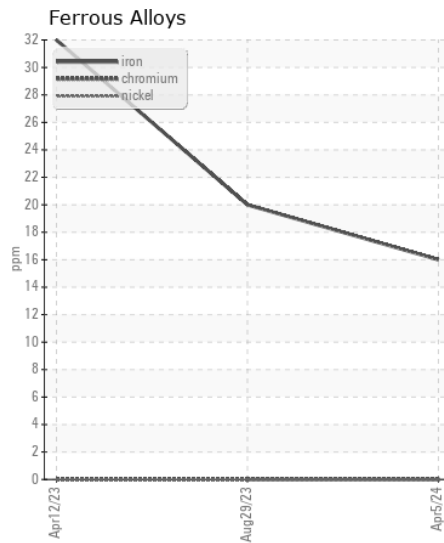
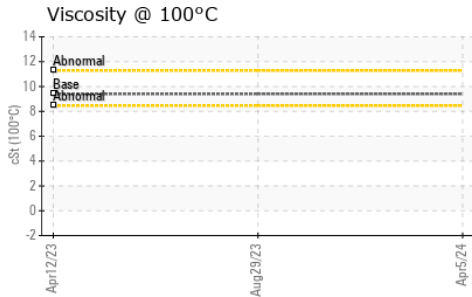
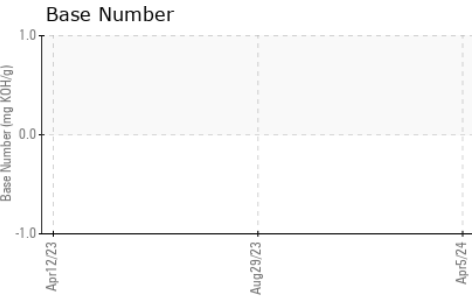
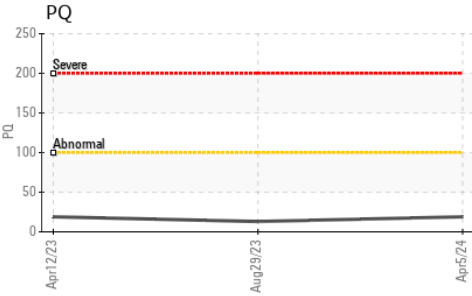
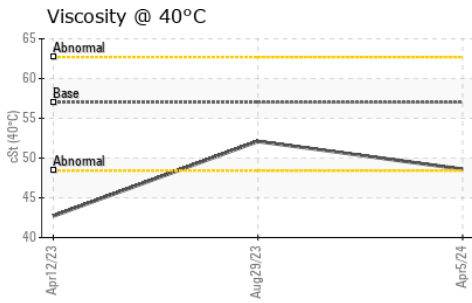
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	<b>2</b>	3	6
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	2
Water		WC Method	>0.075	<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	>0.075	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>30	<b>&lt;1</b>	2	2
Boron	ppm	ASTM D5185m	6	<b>5</b>	9	4
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>4</b>	4	1
Manganese	ppm	ASTM D5185m		<b>4</b>	2	9
Magnesium	ppm	ASTM D5185m	145	<b>95</b>	99	77
Calcium	ppm	ASTM D5185m	3570	<b>3280</b>	3174	3242
Phosphorus	ppm	ASTM D5185m	1290	<b>1148</b>	952	1054
Zinc	ppm	ASTM D5185m	1640	<b>1227</b>	1165	1223
Sulfur	ppm	ASTM D5185m		<b>3895</b>	3872	3641
Visc @ 40°C	cSt	ASTM D445	57.0	<b>48.6</b>	52.1	42.7



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0210962 **Received** : 10 Apr 2024  
**Lab Number** : 06145379 **Tested** : 15 Apr 2024  
**Unique Number** : 10970187 **Diagnosed** : 15 Apr 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: FT-IR, KV100, PQ, TBN )

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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