



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



Area  
**[W62994]**  
 Machine Id  
**JOHN DEERE 672G 1DW672GXVCE644735**  
 Component  
**Transmission (Manual)**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (20 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: W62994 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0198889</b>	JR0161617	JR0150987
Sample Date		Client Info		<b>11 Jan 2024</b>	16 May 2023	20 Dec 2022
Machine Age	hrs	Client Info		<b>6678</b>	5863	5266
Oil Age	hrs	Client Info		<b>5989</b>	0	500
Filter Age	hrs	Client Info		<b>0</b>	0	500
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Filter Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>13</b>	16	8
Iron	ppm	ASTM D5185m	>200	<b>44</b>	43	47
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m	>7	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>4</b>	5	5
Lead	ppm	ASTM D5185m	>45	<b>5</b>	6	6
Copper	ppm	ASTM D5185m	>225	<b>15</b>	15	17
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	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.

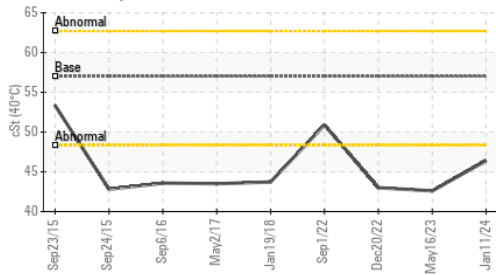
Silicon	ppm	ASTM D5185m	>125	<b>7</b>	7	7
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	3	4
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	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

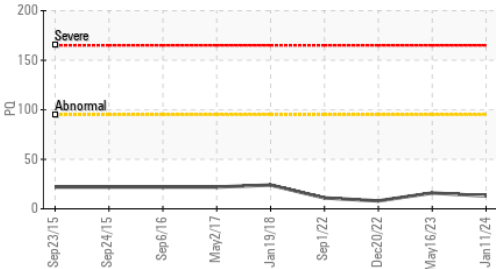
The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>8</b>	9	8
Boron	ppm	ASTM D5185m	6	<b>10</b>	10	12
Barium	ppm	ASTM D5185m	0	<b>0</b>	<1	0
Molybdenum	ppm	ASTM D5185m	0	<b>1</b>	1	1
Manganese	ppm	ASTM D5185m		<b>8</b>	8	9
Magnesium	ppm	ASTM D5185m	145	<b>74</b>	88	81
Calcium	ppm	ASTM D5185m	3570	<b>3289</b>	3426	3448
Phosphorus	ppm	ASTM D5185m	1290	<b>925</b>	1034	1028
Zinc	ppm	ASTM D5185m	1640	<b>1229</b>	1275	1227
Sulfur	ppm	ASTM D5185m		<b>3592</b>	4360	4154
Visc @ 40°C	cSt	ASTM D445	57.0	<b>46.4</b>	42.6	43.0

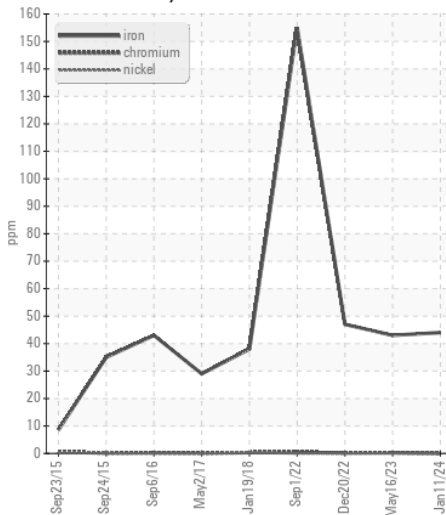
Viscosity @ 40°C



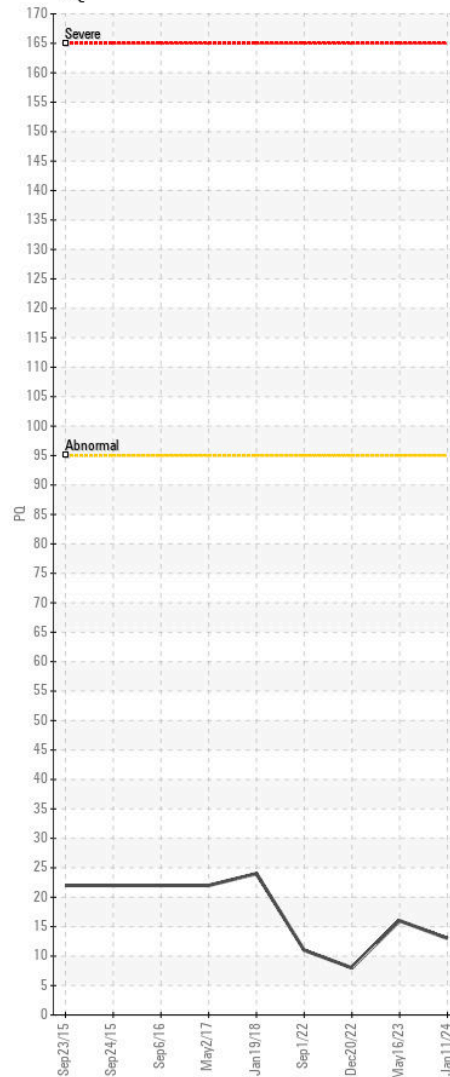
PQ



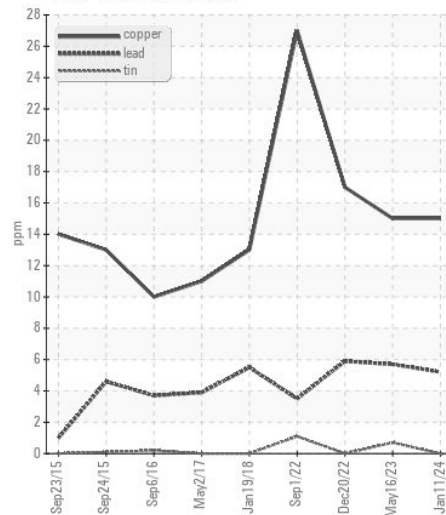
Ferrous Alloys



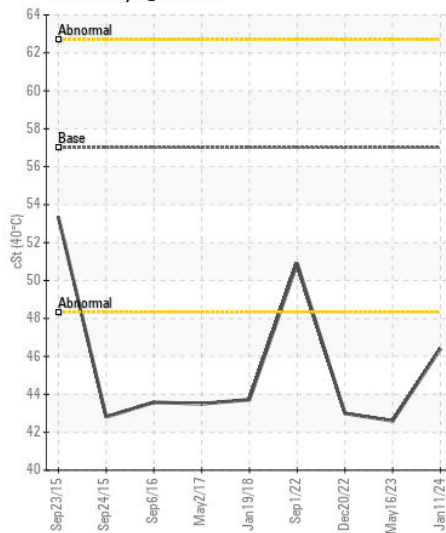
PQ



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : JR0198889      Recieved : 17 Jan 2024  
 Lab Number : 06062988      Diagnosed : 18 Jan 2024  
 Unique Number : 10834370      Diagnostician : 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)