



# OIL ANALYSIS REPORT

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



Area  
**Store 4 - Fairmont**  
Machine Id  
**JOHN DEERE 672G 1DW672GXAKF701302**  
Component  
**Transmission (Manual)**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (8 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0034119</b>	LEC0012884	---
Sample Date		Client Info		<b>19 Aug 2022</b>	03 Nov 2020	---
Machine Age	hrs	Client Info		<b>854</b>	428	---
Oil Age	hrs	Client Info		<b>854</b>	428	---
Filter Age	hrs	Client Info		<b>428</b>	428	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>25</b>	23	---
Iron	ppm	ASTM D5185m	>200	<b>28</b>	23	---
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	---
Silver	ppm	ASTM D5185m	>7	<b>&lt;1</b>	<1	---
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	<1	---
Lead	ppm	ASTM D5185m	>45	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m	>225	<b>15</b>	11	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

## CONTAMINATION

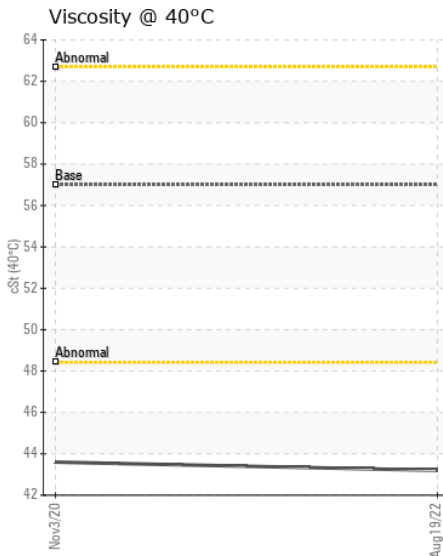
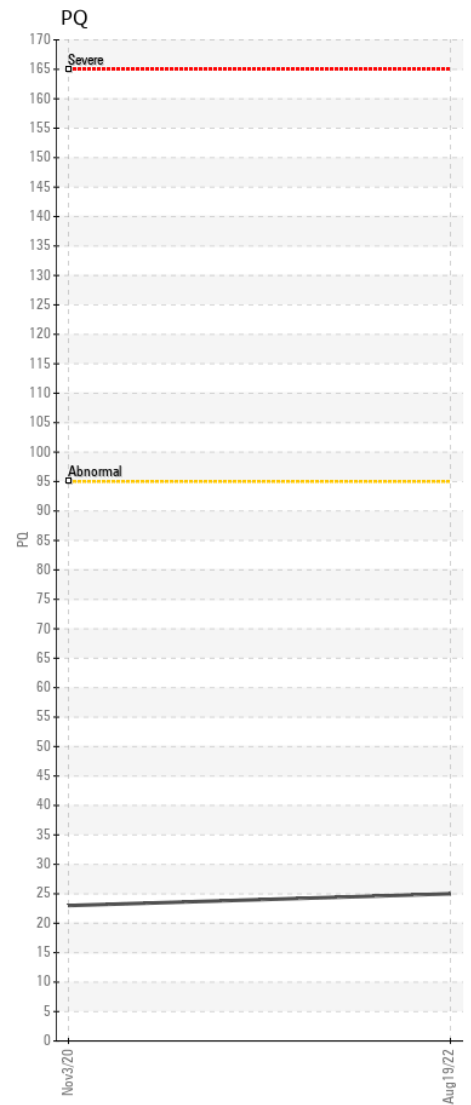
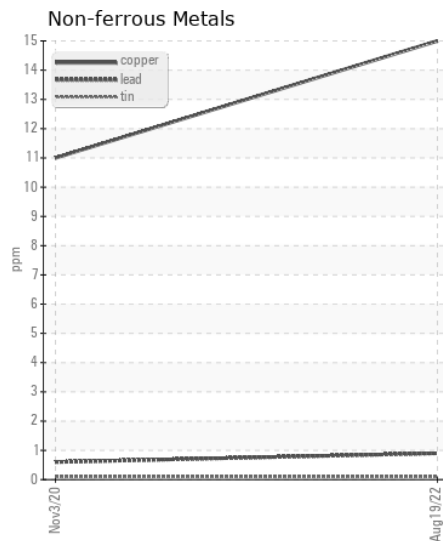
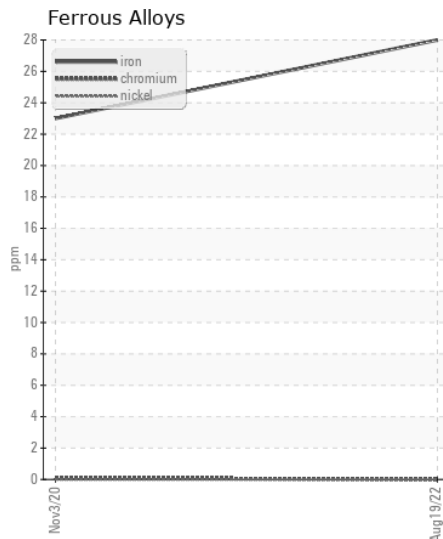
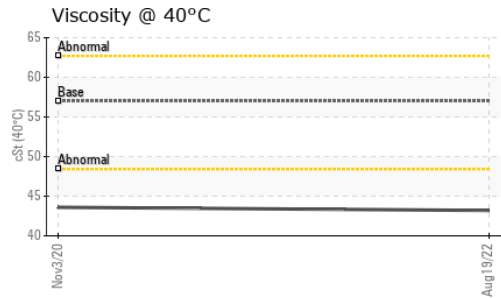
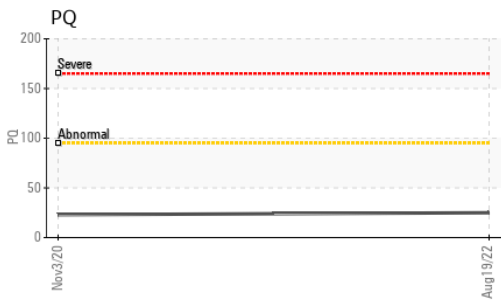
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	<b>4</b>	5	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>0</b>	0	---
Boron	ppm	ASTM D5185m	6	<b>4</b>	6	---
Barium	ppm	ASTM D5185m	0	<b>0</b>	1	---
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>5</b>	4	---
Magnesium	ppm	ASTM D5185m	145	<b>79</b>	92	---
Calcium	ppm	ASTM D5185m	3570	<b>3238</b>	3450	---
Phosphorus	ppm	ASTM D5185m	1290	<b>982</b>	1029	---
Zinc	ppm	ASTM D5185m	1640	<b>1158</b>	1237	---
Sulfur	ppm	ASTM D5185m		<b>3279</b>	3027	---
Visc @ 40°C	cSt	ASTM D445	57.0	<b>43.2</b>	43.6	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0034119 **Received** : 24 Aug 2022  
**Lab Number** : 05626420 **Diagnosed** : 26 Aug 2022  
**Unique Number** : 10110941 **Diagnostician** : Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

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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