



# 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  
**Left 6WD Hub**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (2 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0034116</b>	LEC0012886	---
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>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>120</b>	95	---
Iron	ppm	ASTM D5185m	>200	<b>211</b>	145	---
Chromium	ppm	ASTM D5185m	>10	<b>1</b>	1	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	5	---
Aluminum	ppm	ASTM D5185m		<b>3</b>	<1	---
Lead	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m		<b>5</b>	3	---
Tin	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

## CONTAMINATION

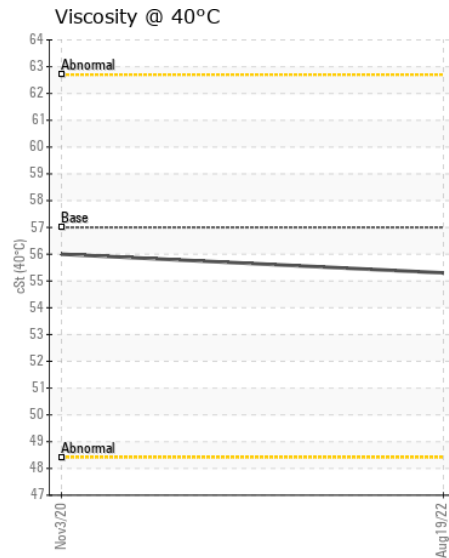
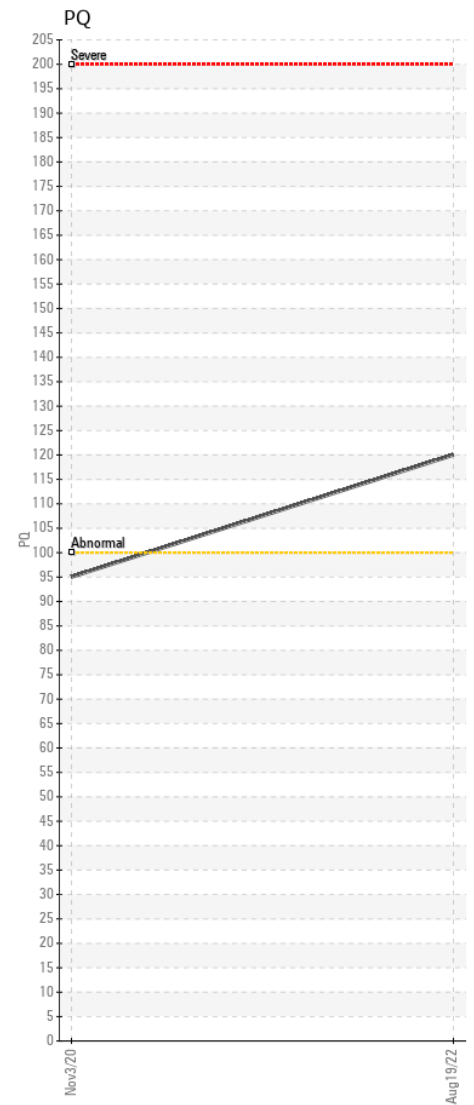
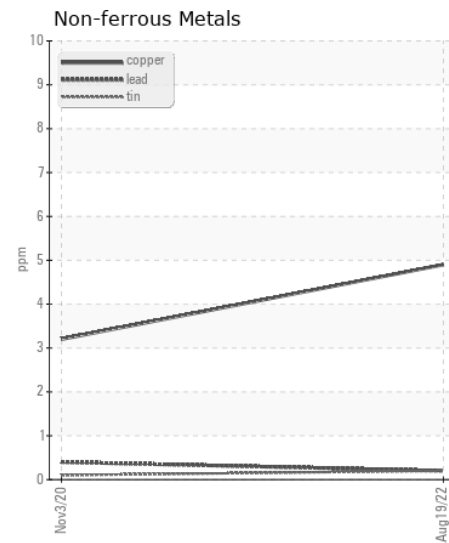
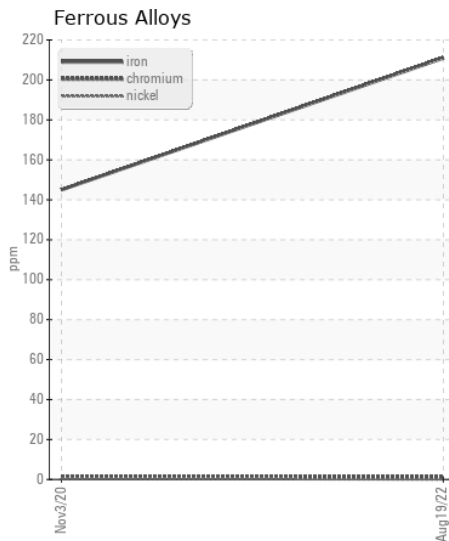
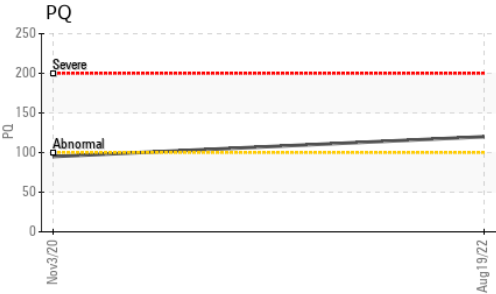
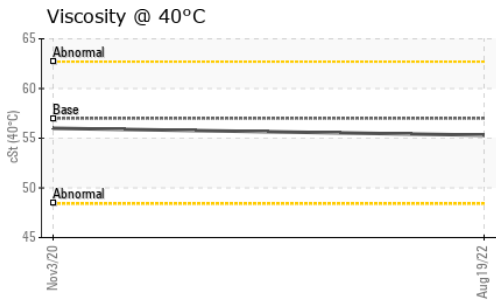
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		<b>7</b>	7	---
Potassium	ppm	ASTM D5185m	>20	<b>5</b>	5	---
Water		WC Method	>0.2	<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	>0.2	<b>NEG</b>	NEG	---

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>0</b>	2	---
Boron	ppm	ASTM D5185m	6	<b>2</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>3</b>	2	---
Magnesium	ppm	ASTM D5185m	145	<b>82</b>	97	---
Calcium	ppm	ASTM D5185m	3570	<b>3203</b>	3469	---
Phosphorus	ppm	ASTM D5185m	1290	<b>927</b>	1013	---
Zinc	ppm	ASTM D5185m	1640	<b>1114</b>	1228	---
Sulfur	ppm	ASTM D5185m		<b>2967</b>	2987	---
Visc @ 40°C	cSt	ASTM D445	57.0	<b>55.3</b>	56.0	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0034116 **Received** : 24 Aug 2022  
**Lab Number** : 05626429 **Diagnosed** : 27 Aug 2022  
**Unique Number** : 10110950 **Diagnostician** : Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
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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)