



# OIL ANALYSIS REPORT

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



Area  
**Store 9 - Marietta**  
Machine Id  
**JOHN DEERE 672G 1DW672GXTHF682492**  
Component  
**Right 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>LEC0026998</b>	LEC0016515	LEC0007845
Sample Date		Client Info		<b>24 Jan 2022</b>	11 Nov 2020	15 Oct 2019
Machine Age	hrs	Client Info		<b>2053</b>	1525	1021
Oil Age	hrs	Client Info		<b>528</b>	504	1021
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>66</b>	74	144
Iron	ppm	ASTM D5185m	>200	<b>57</b>	73	163
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	2
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185m		<b>2</b>	<1	2
Lead	ppm	ASTM D5185m		<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m		<b>2</b>	3	7
Tin	ppm	ASTM D5185m		<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

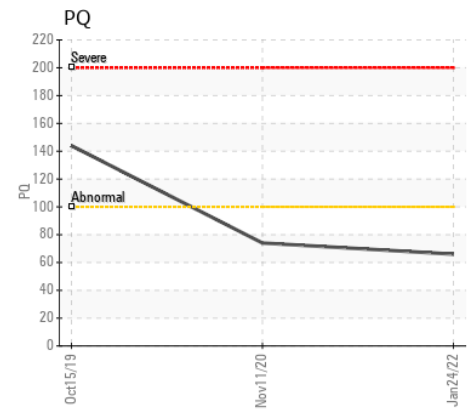
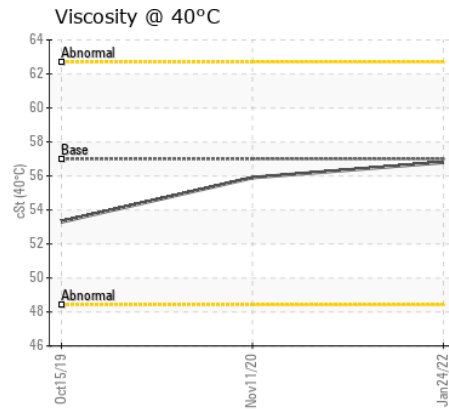
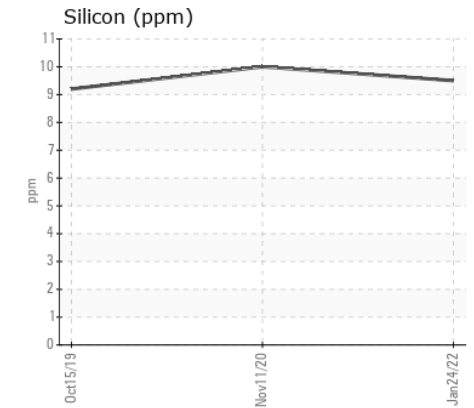
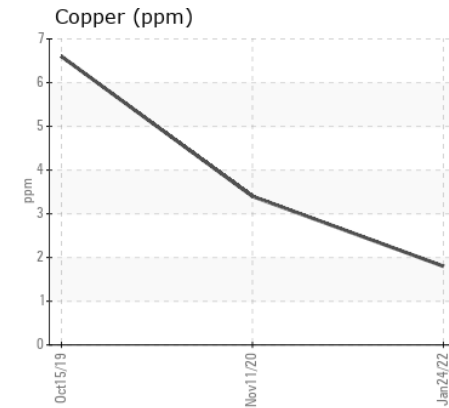
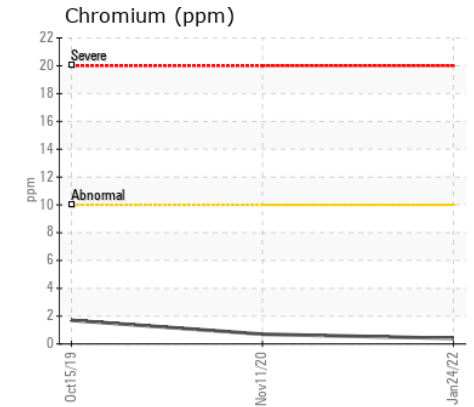
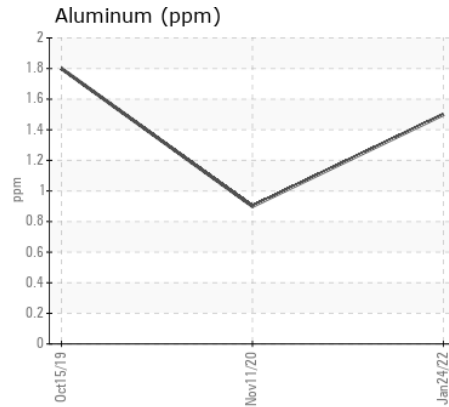
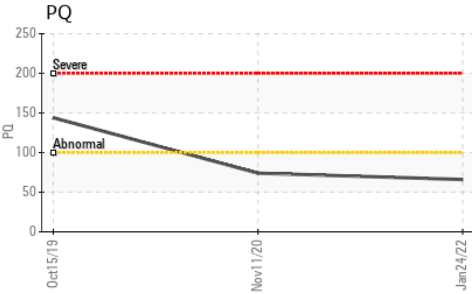
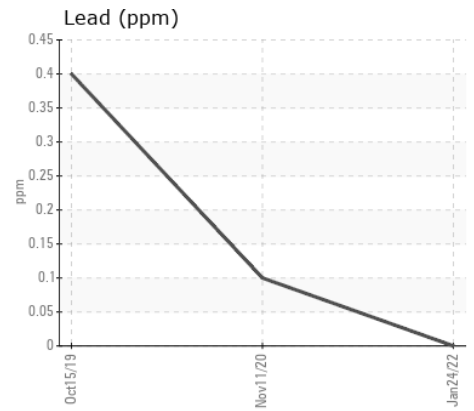
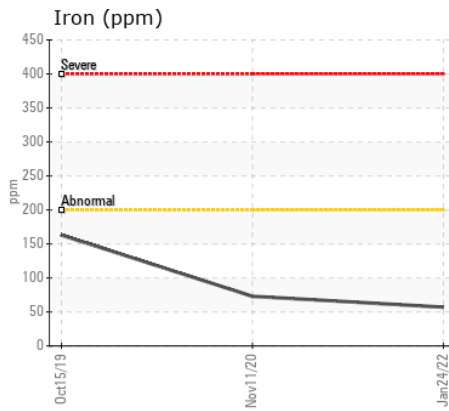
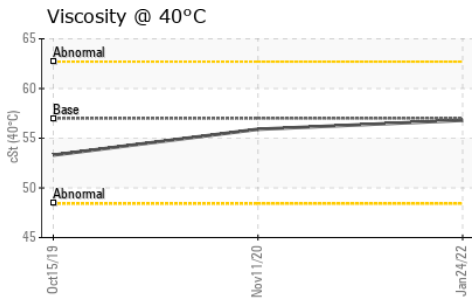
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		<b>10</b>	10	9
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	1	4
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</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	>0.2	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>0</b>	1	4
Boron	ppm	ASTM D5185m	6	<b>14</b>	14	5
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185m	0	<b>8</b>	9	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	4
Magnesium	ppm	ASTM D5185m	145	<b>127</b>	132	106
Calcium	ppm	ASTM D5185m	3570	<b>3580</b>	3348	3785
Phosphorus	ppm	ASTM D5185m	1290	<b>1048</b>	963	1136
Zinc	ppm	ASTM D5185m	1640	<b>1189</b>	1234	1256
Sulfur	ppm	ASTM D5185m		<b>3195</b>	2985	1980
Visc @ 40°C	cSt	ASTM D445	57.0	<b>56.8</b>	55.9	53.3



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0026998 **Received** : 28 Jan 2022  
**Lab Number** : 05454884 **Tested** : 31 Jan 2022  
**Unique Number** : 9829079 **Diagnosed** : 31 Jan 2022 - Don Baldrige  
**Test Package** : MOBCE ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
 105 TENNIS CENTER DR.  
 MARIETTA, OH  
 US 45750-9765  
 Contact: LEANNE KENDALL  
 KendalLeanne@lec1.com  
 T:  
 F: (740)373-5570

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)