



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

Machine Id  
**JOHN DEERE 1DW768LBHMF712696**  
 Component  
**Transmission (Manual)**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JRMC398477	JR0171435	JR0155027
Sample Date		Client Info		04 Jan 2024	26 Jun 2023	18 Jan 2023
Machine Age	hrs	Client Info		2542	1984	1505
Oil Age	hrs	Client Info		1000	1984	500
Filter Age	hrs	Client Info		500	1984	500
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	12	12	11
Iron	ppm	ASTM D5185m	>200	10	27	25
Chromium	ppm	ASTM D5185m	>5	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>7	0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	<1	1
Lead	ppm	ASTM D5185m	>45	0	<1	<1
Copper	ppm	ASTM D5185m	>225	2	5	4
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

### CONTAMINATION

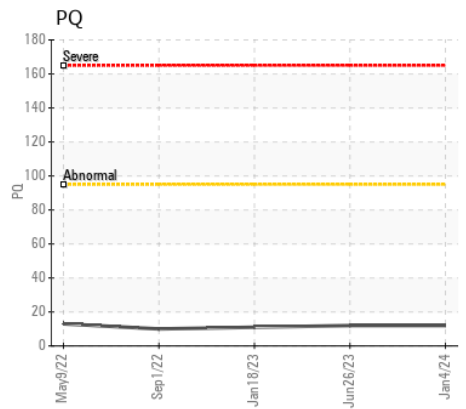
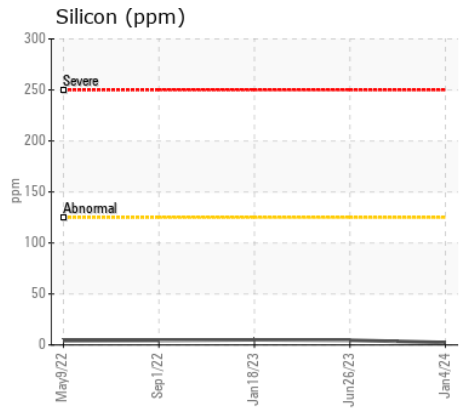
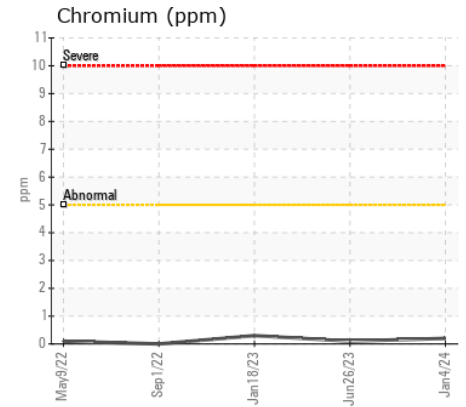
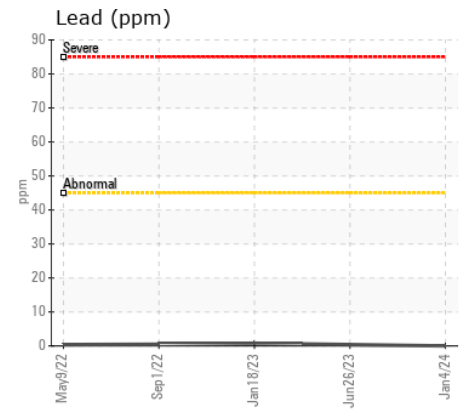
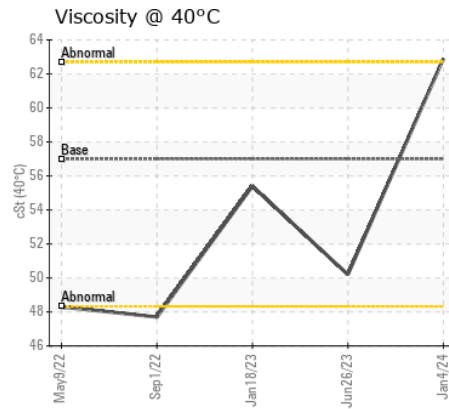
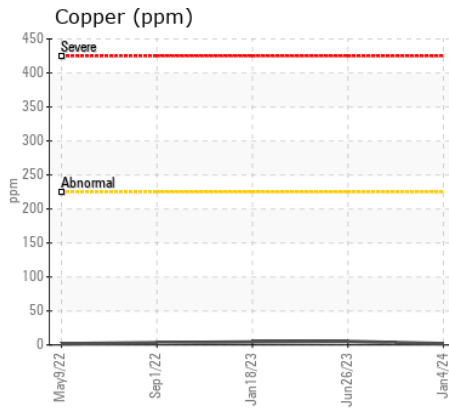
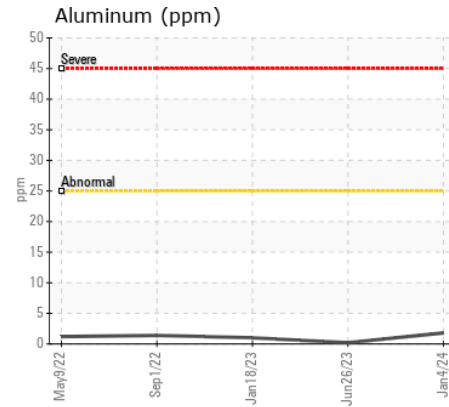
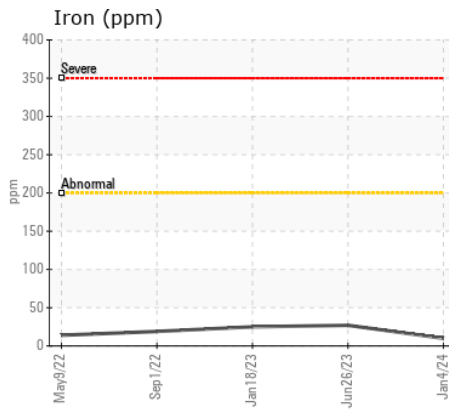
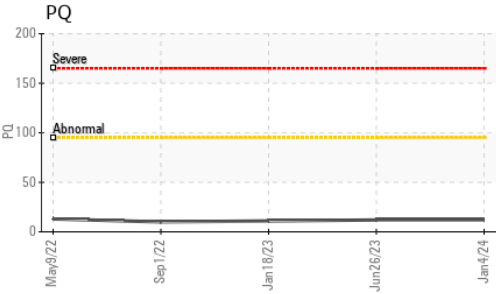
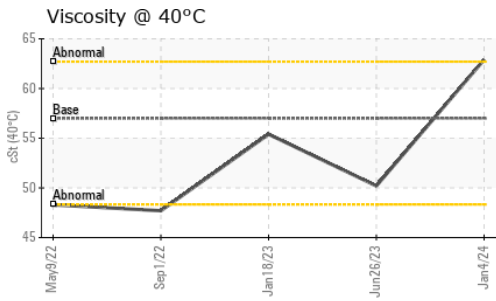
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	2	5	5
Potassium	ppm	ASTM D5185m	>20	2	3	1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	5	9
Boron	ppm	ASTM D5185m	6	13	6	2
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	<1
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m	145	70	85	87
Calcium	ppm	ASTM D5185m	3570	2465	3280	3392
Phosphorus	ppm	ASTM D5185m	1290	859	1014	980
Zinc	ppm	ASTM D5185m	1640	946	1236	1216
Sulfur	ppm	ASTM D5185m		6622	3988	3798
Visc @ 40°C	cSt	ASTM D445	57.0	62.9	50.2	55.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JRMC398477 **Received** : 18 Jan 2024  
**Lab Number** : 06065140 **Diagnosed** : 22 Jan 2024  
**Unique Number** : 10836522 **Diagnostician** : Sean Felton  
**Test Package** : MOB 1 ( Additional Tests: PQ )

**WOOD HARVEST**  
 PO BOX 2165  
 MONROE, NC  
 US 28111  
 Contact: DEAN SCOTTY  
 dean@woodharvest.com  
 T: (704)289-9570  
 F: (704)289-9824

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)