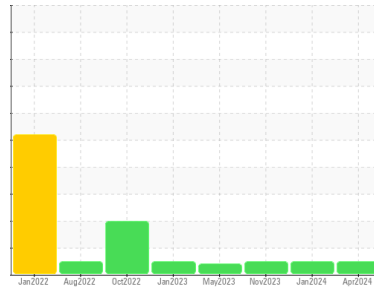




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**JOHN DEERE 844L 1DW844LXVML712581**  
 Component  
**Brake**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (--- QTS)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC06143333</b>	WE0006392	WE0005706
Sample Date	Client Info		<b>04 Apr 2024</b>	23 Jan 2024	17 Nov 2023
Machine Age	hrs	Client Info	<b>5525</b>	500	4449
Oil Age	hrs	Client Info	<b>5525</b>	0	0
Oil Changed	Client Info		<b>Not Changed</b>	N/A	Not Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		<b>319</b>	113	14
Iron	ppm	ASTM D5185m >350	<b>812</b>	165	0
Chromium	ppm	ASTM D5185m >5	<b>3</b>	1	0
Nickel	ppm	ASTM D5185m >5	<b>3</b>	<1	0
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	1
Aluminum	ppm	ASTM D5185m >8	<b>2</b>	<1	<1
Lead	ppm	ASTM D5185m >10	<b>7</b>	5	0
Copper	ppm	ASTM D5185m >150	<b>126</b>	96	1
Tin	ppm	ASTM D5185m >5	<b>4</b>	3	<1
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 6	<b>0</b>	2	0
Barium	ppm	ASTM D5185m 0	<b>&lt;1</b>	<1	0
Molybdenum	ppm	ASTM D5185m 0	<b>9</b>	5	0
Manganese	ppm	ASTM D5185m	<b>10</b>	5	<1
Magnesium	ppm	ASTM D5185m 145	<b>97</b>	100	109
Calcium	ppm	ASTM D5185m 3570	<b>3487</b>	3395	3493
Phosphorus	ppm	ASTM D5185m 1290	<b>1136</b>	1057	1056
Zinc	ppm	ASTM D5185m 1640	<b>1297</b>	1272	1309
Sulfur	ppm	ASTM D5185m	<b>4161</b>	3364	3550

## CONTAMINANTS

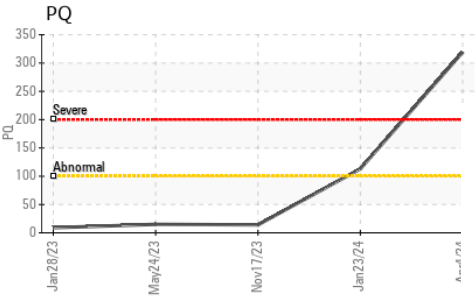
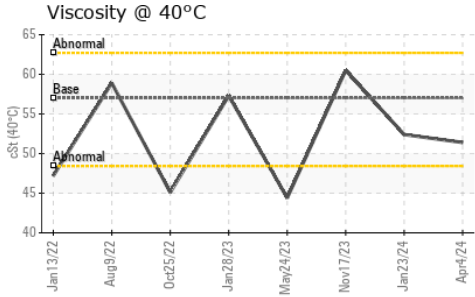
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >400	<b>14</b>	13	6
Sodium	ppm	ASTM D5185m	<b>1</b>	1	<1
Potassium	ppm	ASTM D5185m >20	<b>2</b>	0	0

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual NONE	<b>LIGHT</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 >0.2	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG



# OIL ANALYSIS REPORT

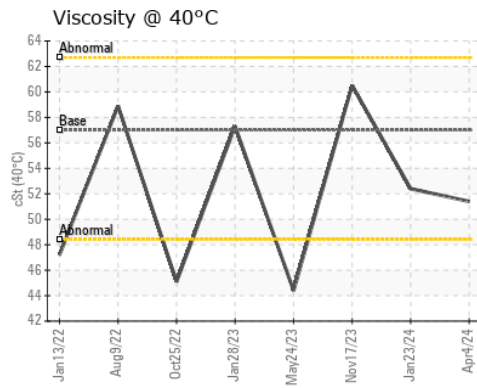
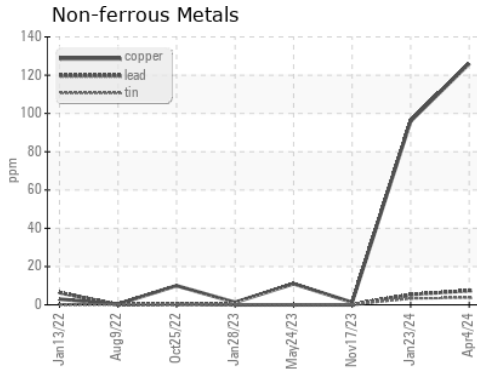
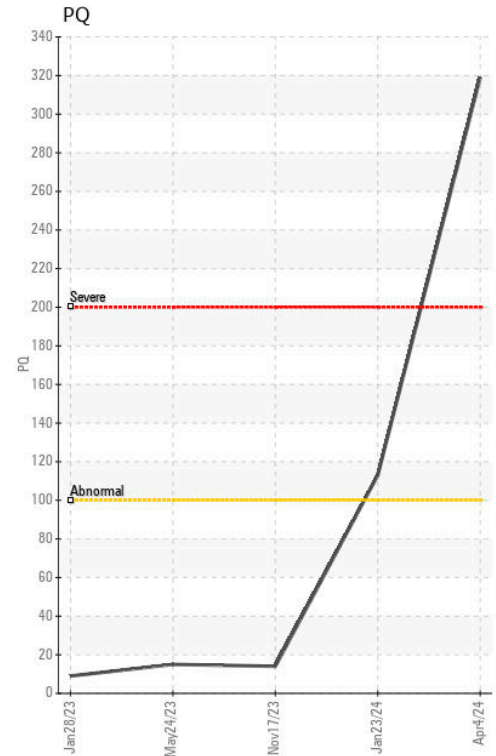
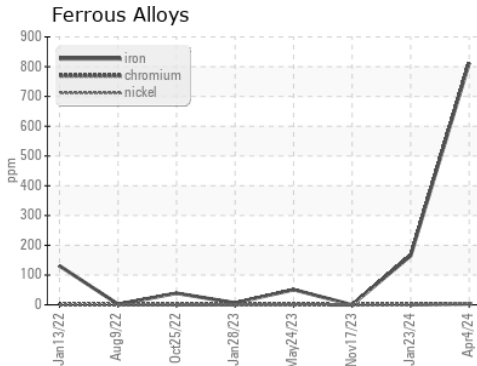


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.0	<b>51.4</b>	52.4	60.5

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

Color				no image	no image	no image
Bottom				no image	no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC06143333      **Received** : 09 Apr 2024  
**Lab Number** : **06143333**      **Tested** : 10 Apr 2024  
**Unique Number** : 10968141      **Diagnosed** : 12 Apr 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: PQ )

**WARRIOR TRACTOR AND EQUIPMENT - NORTHPORT**  
 P.O. BOX 412  
 NORTHPORT, AL  
 US 35476

Contact: PAMELA CLARK  
 pamel@warriortractor.com  
 T: (205)339-0300

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)