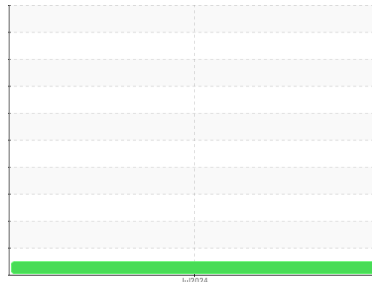




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**WARRIOR USED (748L ii) [A35889]**  
 Machine Id  
**748 LII (1DW748LBTNF713003)**  
 Component  
**Center Transmission (Auto)**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (8 GAL)**

## DIAGNOSIS

**Recommendation**  
 Resample at the next service interval to monitor. (Customer Sample Comment: A35889)

**Wear**  
 All component wear rates are normal.

**Contamination**  
 There is no indication of any contamination in the fluid.

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

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>WE0007554</b>	---	---
Sample Date	Client Info	<b>11 Jul 2024</b>	---	---
Machine Age	hrs Client Info	<b>3250</b>	---	---
Oil Age	hrs Client Info	<b>100</b>	---	---
Oil Changed	Client Info	<b>Not Chngd</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184 >50	<b>21</b>	---	---
Iron	ppm ASTM D5185m >160	<b>4</b>	---	---
Chromium	ppm ASTM D5185m >5	<b>0</b>	---	---
Nickel	ppm ASTM D5185m >5	<b>0</b>	---	---
Titanium	ppm ASTM D5185m	<b>0</b>	---	---
Silver	ppm ASTM D5185m >5	<b>0</b>	---	---
Aluminum	ppm ASTM D5185m >50	<b>&lt;1</b>	---	---
Lead	ppm ASTM D5185m >50	<b>0</b>	---	---
Copper	ppm ASTM D5185m >225	<b>&lt;1</b>	---	---
Tin	ppm ASTM D5185m >10	<b>0</b>	---	---
Vanadium	ppm ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 6	<b>4</b>	---	---
Barium	ppm ASTM D5185m 0	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185m 0	<b>0</b>	---	---
Manganese	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Magnesium	ppm ASTM D5185m 145	<b>103</b>	---	---
Calcium	ppm ASTM D5185m 3570	<b>3505</b>	---	---
Phosphorus	ppm ASTM D5185m 1290	<b>1047</b>	---	---
Zinc	ppm ASTM D5185m 1640	<b>1229</b>	---	---
Sulfur	ppm ASTM D5185m	<b>4019</b>	---	---

## CONTAMINANTS

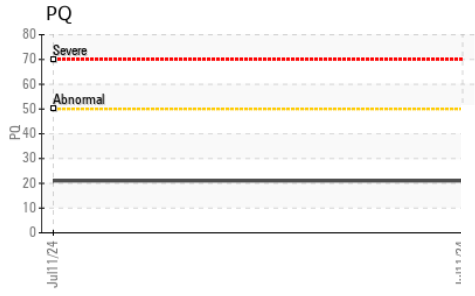
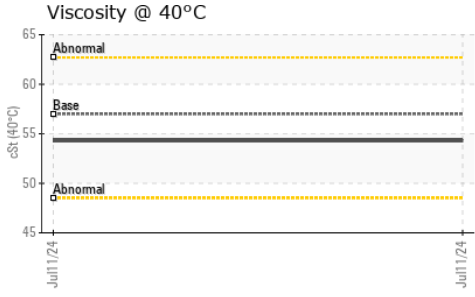
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	<b>5</b>	---	---
Sodium	ppm ASTM D5185m	<b>7</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>1</b>	---	---

## VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	<b>NONE</b>	---	---
Yellow Metal	scalar *Visual NONE	<b>NONE</b>	---	---
Precipitate	scalar *Visual NONE	<b>NONE</b>	---	---
Silt	scalar *Visual NONE	<b>NONE</b>	---	---
Debris	scalar *Visual NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar *Visual NONE	<b>NONE</b>	---	---
Appearance	scalar *Visual NORML	<b>NORML</b>	---	---
Odor	scalar *Visual NORML	<b>NORML</b>	---	---
Emulsified Water	scalar *Visual >0.1	<b>NEG</b>	---	---
Free Water	scalar *Visual	<b>NEG</b>	---	---



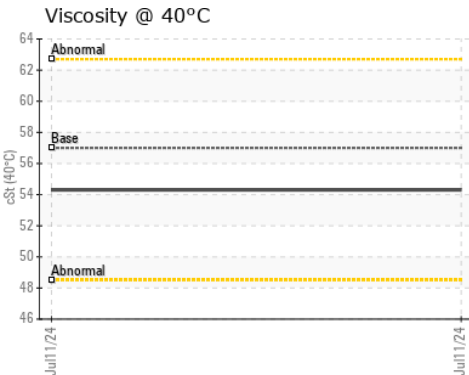
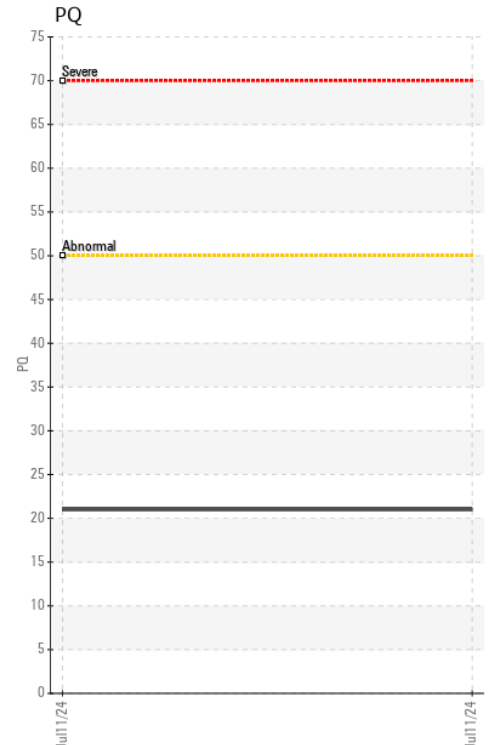
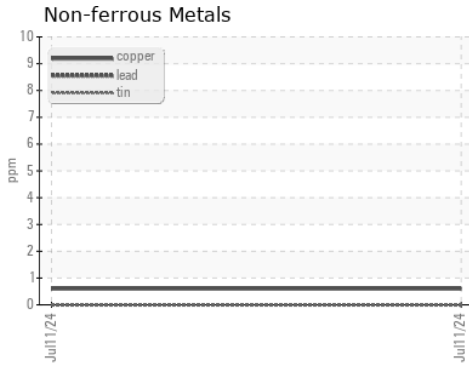
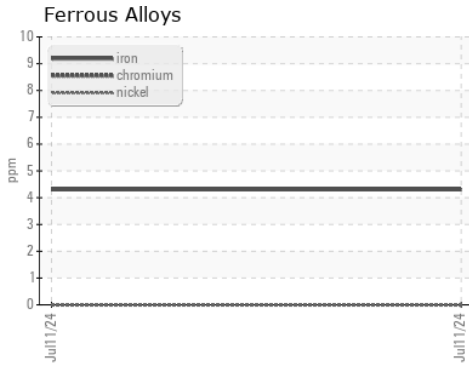
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.0	<b>54.3</b>	---	---

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WE0007554      **Received** : 15 Jul 2024  
**Lab Number** : **06236314**      **Tested** : 16 Jul 2024  
**Unique Number** : 11125148      **Diagnosed** : 16 Jul 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE**  
 25135 ONE AVIATION WAY SW  
 MADISON, AL 35756  
 Contact: HERBERT STONE  
 WTE013@WARRIORTRACTOR.COM

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)