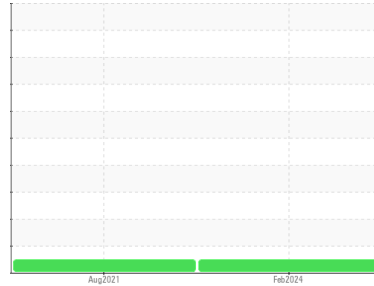




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
JOHN DEERE 843L 1DW843LBKMF710970

Component
Front Differential

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	WE0006267	WE0000296	---
Sample Date	Client Info	22 Feb 2024	08 Aug 2021	---
Machine Age	hrs	Client Info	5817	539
Oil Age	hrs	Client Info	0	539
Oil Changed	Client Info	N/A	Not Changd	---
Sample Status		NORMAL	NORMAL	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >.2	NEG	NEG	---

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	11	---	---
Iron	ppm	ASTM D5185m >500	0	260
Chromium	ppm	ASTM D5185m >10	0	2
Nickel	ppm	ASTM D5185m >10	<1	<1
Titanium	ppm	ASTM D5185m	0	<1
Silver	ppm	ASTM D5185m	0	0
Aluminum	ppm	ASTM D5185m >25	1	2
Lead	ppm	ASTM D5185m >25	0	4
Copper	ppm	ASTM D5185m >100	0	13
Tin	ppm	ASTM D5185m >10	<1	0
Antimony	ppm	ASTM D5185m >5	---	6
Vanadium	ppm	ASTM D5185m	0	0
Cadmium	ppm	ASTM D5185m	0	0

ADDITIVES

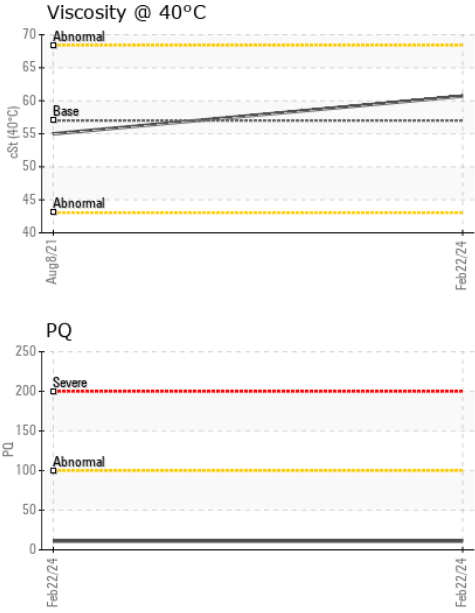
method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 6	<1	5
Barium	ppm	ASTM D5185m 0	0	3
Molybdenum	ppm	ASTM D5185m 0	0	<1
Manganese	ppm	ASTM D5185m	<1	6
Magnesium	ppm	ASTM D5185m 145	107	114
Calcium	ppm	ASTM D5185m 3570	3318	3948
Phosphorus	ppm	ASTM D5185m 1290	1001	1119
Zinc	ppm	ASTM D5185m 1640	1265	1279
Sulfur	ppm	ASTM D5185m	3477	3756

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	5	11
Sodium	ppm	ASTM D5185m	<1	3
Potassium	ppm	ASTM D5185m >20	0	2



OIL ANALYSIS REPORT

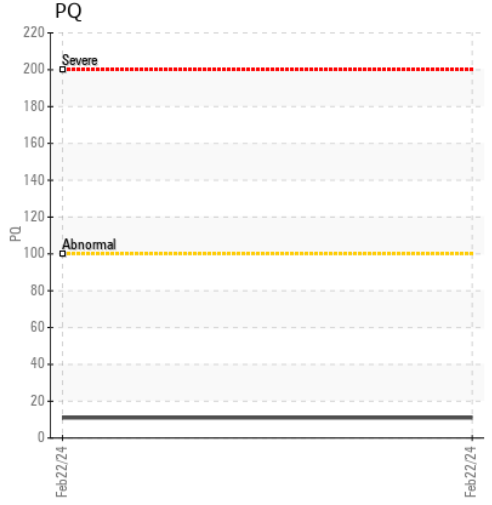
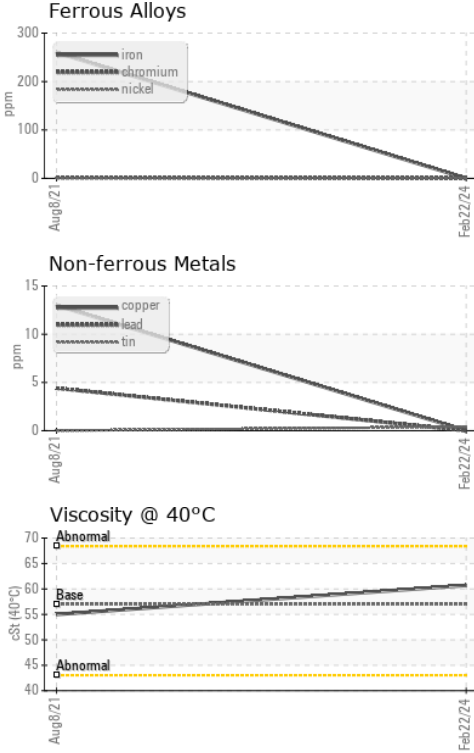


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	LIGHT
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.2	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.0	60.7	55.0	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0006267 **Received** : 23 Feb 2024
Lab Number : **06098670** **Tested** : 26 Feb 2024
Unique Number : 10896900 **Diagnosed** : 26 Feb 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

WARRIOR TRACTOR AND EQUIPMENT - NORTHPORT
 P.O. BOX 412
 NORTHPORT, AL
 US 35476
 Contact: SCOTT GOOD
 sgood@warriortractor.com
 T: (205)339-0300
 F:

Certificate L2367
 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)