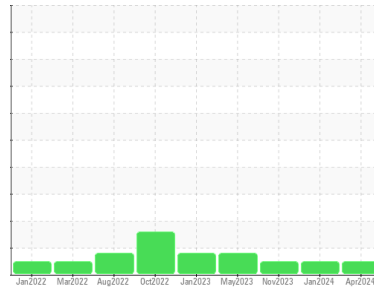




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
JOHN DEERE 844L 1DW844LXVML712581
 Component
Rear 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		WC06143335	WE0006323	WE0005651
Sample Date	Client Info		04 Apr 2024	23 Jan 2024	17 Nov 2023
Machine Age	hrs	Client Info	5525	500	4449
Oil Age	hrs	Client Info	5525	0	0
Oil Changed	Client Info		Not Chngd	N/A	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		323	54	75
Iron	ppm	ASTM D5185m >500	813	95	70
Chromium	ppm	ASTM D5185m >10	3	<1	<1
Nickel	ppm	ASTM D5185m >10	3	0	<1
Titanium	ppm	ASTM D5185m	<1	0	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	2	<1	<1
Lead	ppm	ASTM D5185m >25	7	3	4
Copper	ppm	ASTM D5185m >100	127	110	97
Tin	ppm	ASTM D5185m >10	4	4	3
Vanadium	ppm	ASTM D5185m	<1	0	<1
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 6	0	<1	1
Barium	ppm	ASTM D5185m 0	<1	0	0
Molybdenum	ppm	ASTM D5185m 0	9	0	0
Manganese	ppm	ASTM D5185m	10	5	4
Magnesium	ppm	ASTM D5185m 145	97	102	81
Calcium	ppm	ASTM D5185m 3570	3485	3285	3410
Phosphorus	ppm	ASTM D5185m 1290	1131	1051	959
Zinc	ppm	ASTM D5185m 1640	1296	1239	1205
Sulfur	ppm	ASTM D5185m	4196	3282	3157

CONTAMINANTS

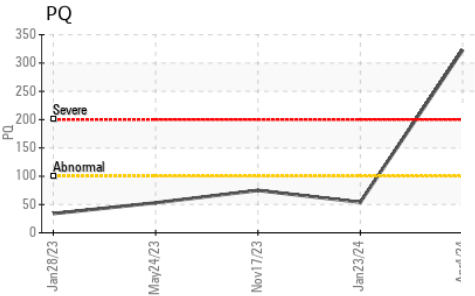
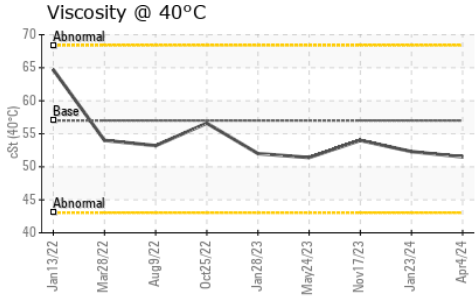
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	13	10	10
Sodium	ppm	ASTM D5185m	<1	<1	3
Potassium	ppm	ASTM D5185m >20	2	0	0

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
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 >.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



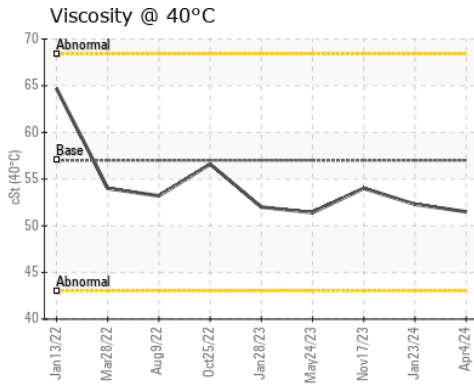
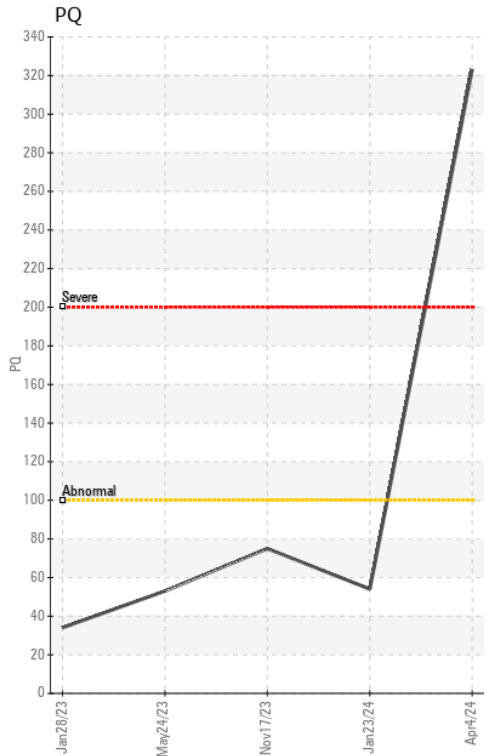
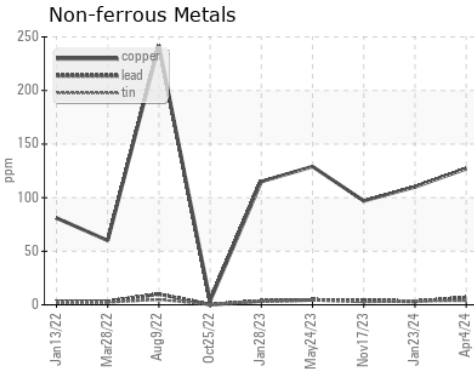
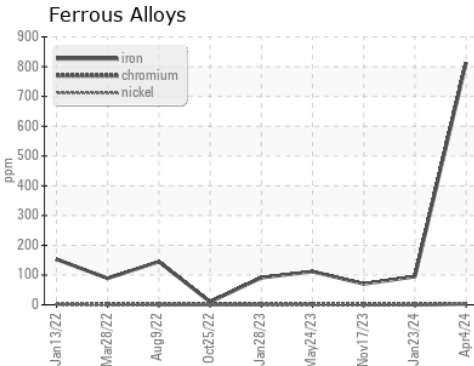
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.0	51.5	52.3	54.0

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. : WC06143335 **Received** : 09 Apr 2024
Lab Number : **06143335** **Tested** : 10 Apr 2024
Unique Number : 10968143 **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: SCOTT GOOD
 sgood@warriortractor.com
 T: (205)339-0300
 F:

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)