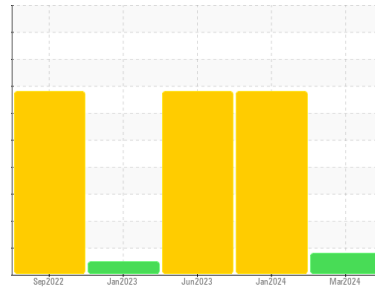


OIL ANALYSIS REPORT

Sample Rating Trend

WEAR


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

DIAGNOSIS
Recommendation

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

Wear

The aluminum level is abnormal. All other 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			JRMC396349	JRMC398497	JR0171434
Sample Date	Client Info			18 Mar 2024	04 Jan 2024	26 Jun 2023
Machine Age	hrs	Client Info		2784	2542	1984
Oil Age	hrs	Client Info		346	500	1984
Oil Changed	Client Info			Not Changed	Changed	Changed
Sample Status				ABNORMAL	SEVERE	SEVERE

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

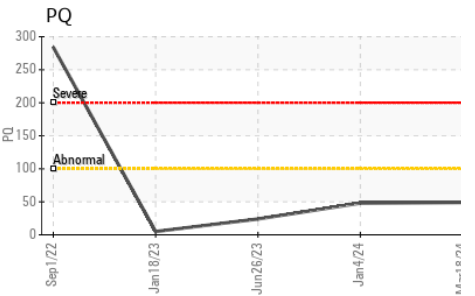
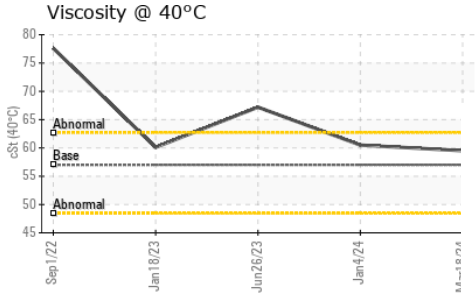
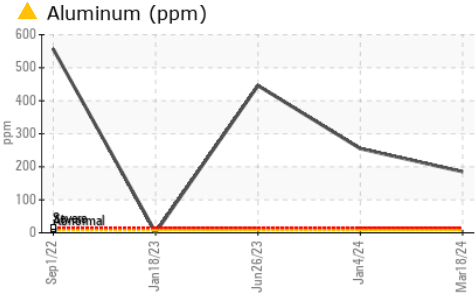
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		49	48	24
Iron	ppm	ASTM D5185m	>350	128	▲ 457	▲ 509
Chromium	ppm	ASTM D5185m	>5	0	1	1
Nickel	ppm	ASTM D5185m	>5	0	<1	1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>8	▲ 185	▲ 255	▲ 446
Lead	ppm	ASTM D5185m	>10	0	<1	3
Copper	ppm	ASTM D5185m	>150	0	1	2
Tin	ppm	ASTM D5185m	>5	<1	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	6	14	18	37
Barium	ppm	ASTM D5185m	0	44	61	93
Molybdenum	ppm	ASTM D5185m	0	113	309	544
Manganese	ppm	ASTM D5185m		2	4	4
Magnesium	ppm	ASTM D5185m	145	50	142	163
Calcium	ppm	ASTM D5185m	3570	3595	4752	3743
Phosphorus	ppm	ASTM D5185m	1290	1051	1236	1099
Zinc	ppm	ASTM D5185m	1640	1112	1046	892
Sulfur	ppm	ASTM D5185m		3656	5256	6412



CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	86	143	217
Sodium	ppm	ASTM D5185m		13	16	25
Potassium	ppm	ASTM D5185m	>20	0	8	9

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	MODER	NONE	NONE
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	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

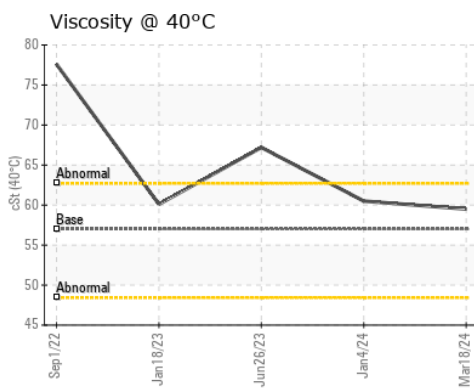
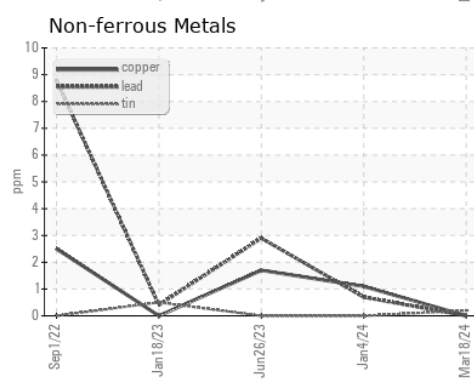
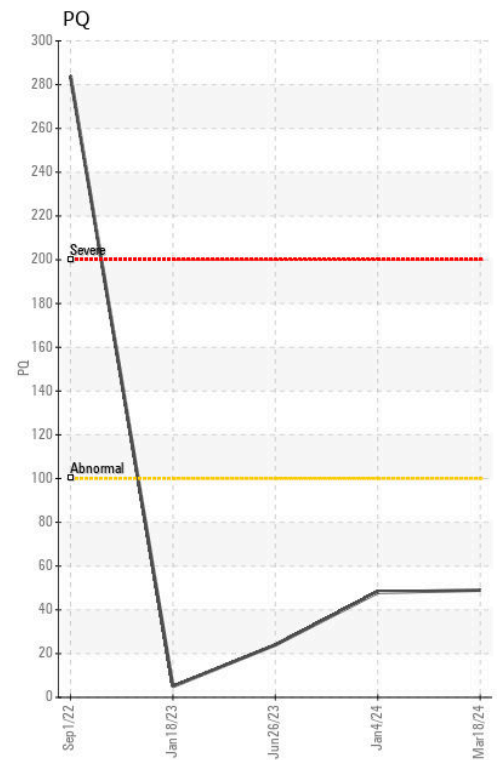
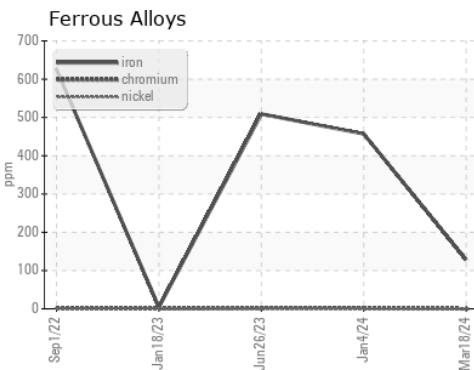
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.0	59.5	60.5	67.2

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. : JRMC396349 **Received** : 08 Apr 2024
Lab Number : **06142478** **Tested** : 09 Apr 2024
Unique Number : 10967286 **Diagnosed** : 11 Apr 2024 - Jonathan Hester
Test Package : CONST (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)