



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 948L 1DW948LBCMF710116

Component
Transmission

Fluid
{not provided} (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0006577	---	---
Sample Date		Client Info		05 Feb 2024	---	---
Machine Age	hrs	Client Info		3064	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	16	---	---
Iron	ppm	ASTM D5185m	>61	20	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		<1	---	---
Aluminum	ppm	ASTM D5185m	>20	<1	---	---
Lead	ppm	ASTM D5185m	>9	<1	---	---
Copper	ppm	ASTM D5185m	>100	6	---	---
Tin	ppm	ASTM D5185m	>3	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

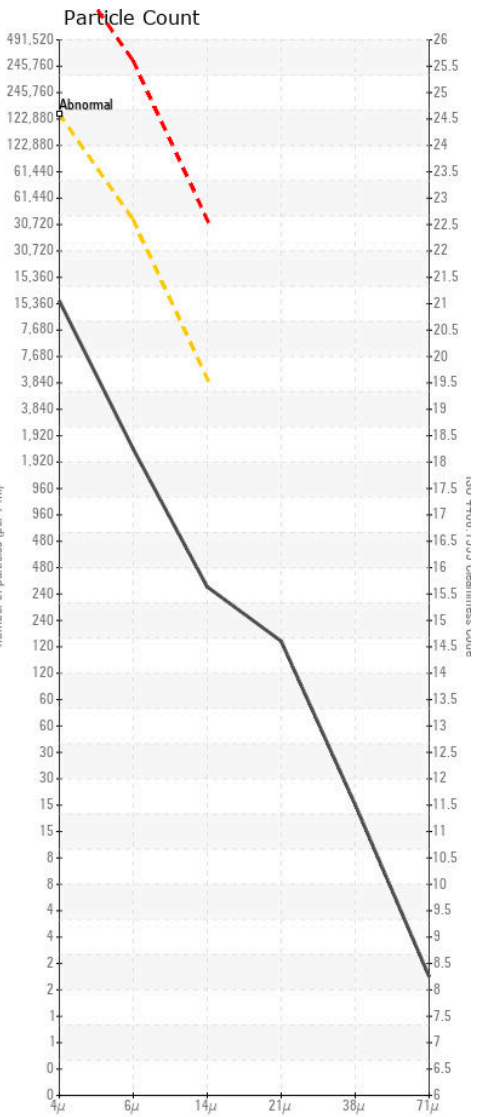
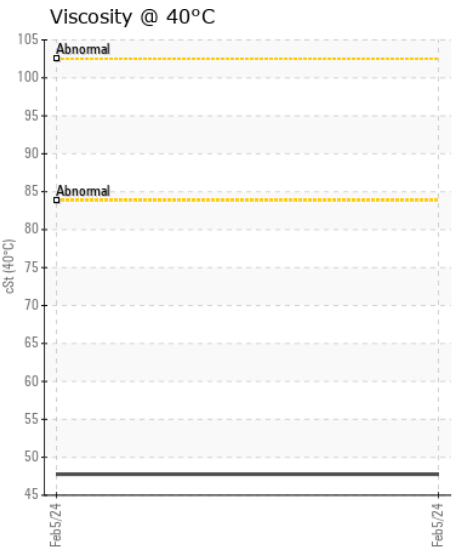
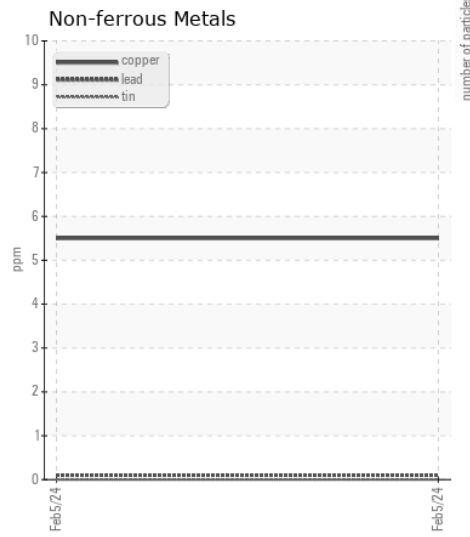
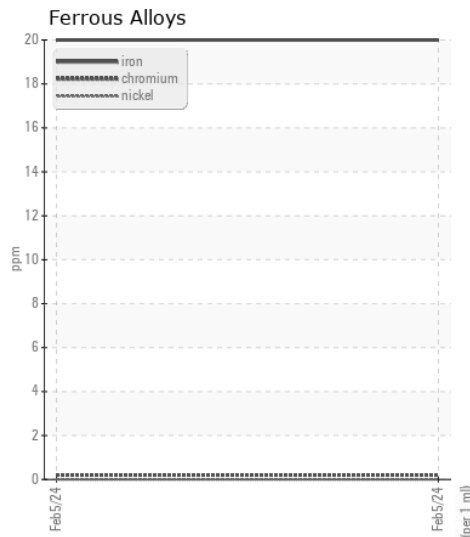
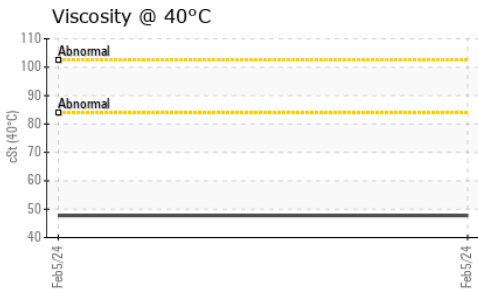
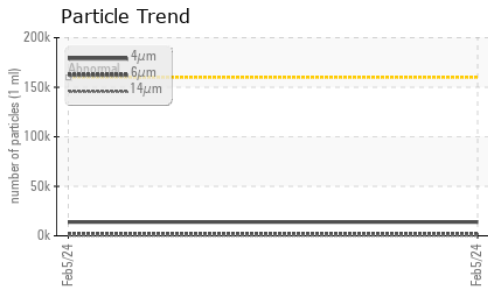
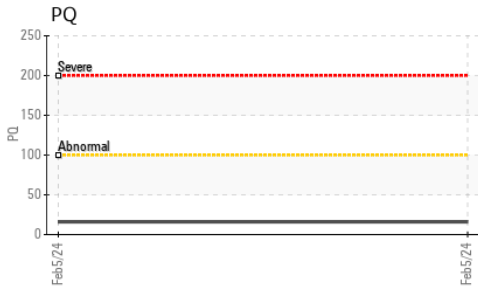
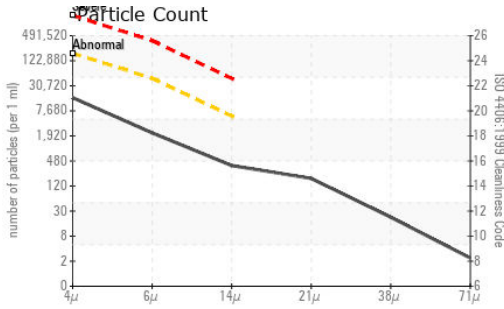
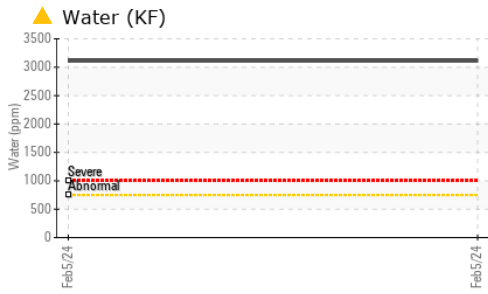
There is a light concentration of water present in the fluid. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>21	5	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water	%	ASTM D6304	>0.075	▲ 0.311	---	---
ppm Water	ppm	ASTM D6304	>750	▲ 3110	---	---
Particles >4µm		ASTM D7647	>160000	13847	---	---
Particles >6µm		ASTM D7647	>40000	1987	---	---
Particles >14µm		ASTM D7647	>5000	328	---	---
Particles >21µm		ASTM D7647	>1300	161	---	---
Particles >38µm		ASTM D7647	>320	19	---	---
Particles >71µm		ASTM D7647	>80	2	---	---
Oil Cleanliness		ISO 4406 (c)	>24/22/19	21/18/16	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
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	>0.075	▲ 0.2%	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>30	3	---	---
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		92	---	---
Calcium	ppm	ASTM D5185m		3449	---	---
Phosphorus	ppm	ASTM D5185m		1089	---	---
Zinc	ppm	ASTM D5185m		1287	---	---
Sulfur	ppm	ASTM D5185m		3664	---	---
Visc @ 40°C	cSt	ASTM D445		47.76	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0006577 **Received** : 22 Feb 2024
Lab Number : 06097368 **Tested** : 22 Feb 2024
Unique Number : 10890221 **Diagnosed** : 22 Feb 2024 - Doug Bogart
Test Package : CONST (Additional Tests: KF, PQ, PrtCount)

WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE
 25135 ONE AVIATION WAY SW
 MADISON, AL
 US 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)

T:
F: