



# OIL ANALYSIS REPORT

WEAR	<b>SEVERE</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area

[A34560]

Machine Id

JOHN DEERE 950K 1T0950KXJRF458831

Component

Hydrostatic

Fluid

JOHN DEERE HYDRAU (--- GAL)

## RECOMMENDATION

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. We were unable to perform a particle count due to metal particles present in this sample.

## WEAR

High concentration of visible metal present. The very high ferrous density (PQ) index indicates that severe wear is occurring.

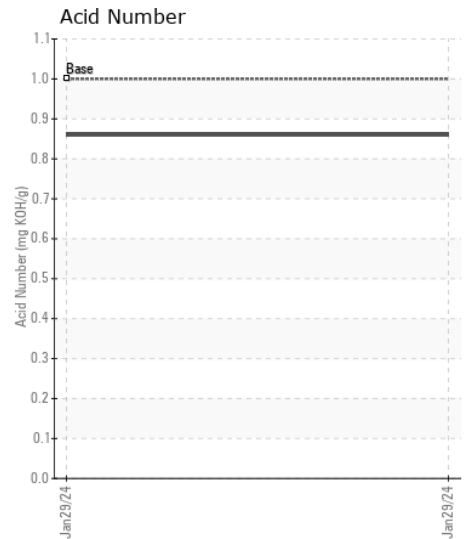
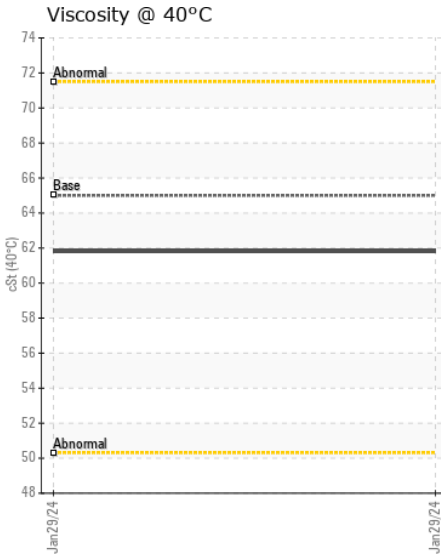
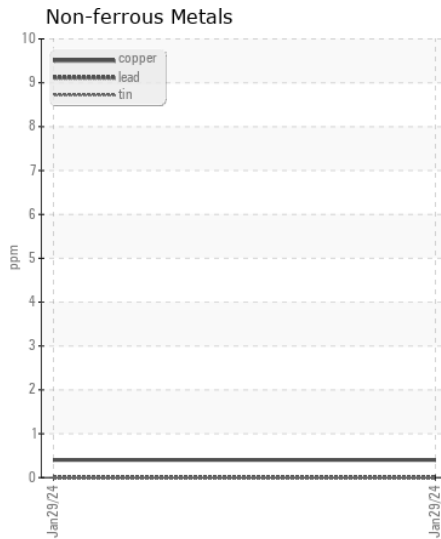
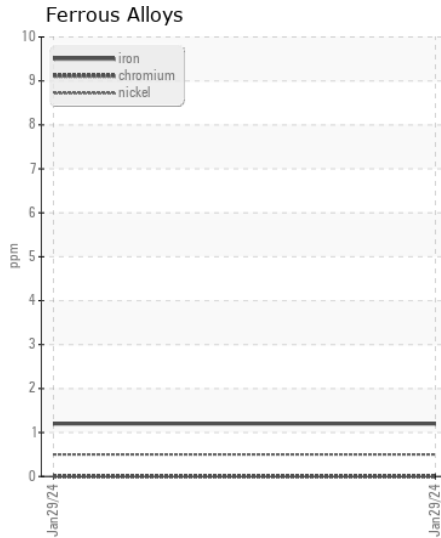
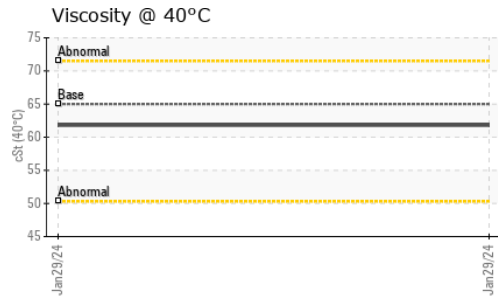
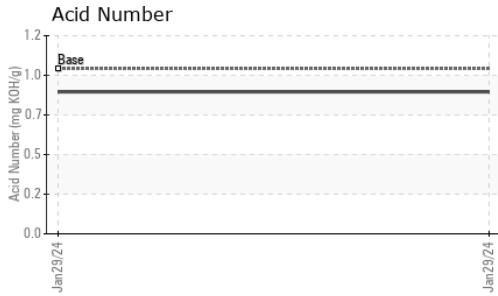
## CONTAMINATION

No other contaminants were detected in the oil.

## FLUID CONDITION

The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0005985	---	---
Sample Date		Client Info		29 Jan 2024	---	---
Machine Age	hrs	Client Info		47	---	---
Oil Age	hrs	Client Info		47	---	---
Filter Age	hrs	Client Info		47	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				SEVERE	---	---
PQ		ASTM D8184		● 233	---	---
Iron	ppm	ASTM D5185m	>31	1	---	---
Chromium	ppm	ASTM D5185m	>9	0	---	---
Nickel	ppm	ASTM D5185m	>5	<1	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>10	<1	---	---
Lead	ppm	ASTM D5185m	>11	0	---	---
Copper	ppm	ASTM D5185m	>41	<1	---	---
Tin	ppm	ASTM D5185m	>5	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	● HEAVY	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>31	<1	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water		WC Method	>0.1	NEG	---	---
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	>0.1	NEG	---	---
Sodium	ppm	ASTM D5185m	>21	0	---	---
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		<1	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		2	---	---
Calcium	ppm	ASTM D5185m	87	83	---	---
Phosphorus	ppm	ASTM D5185m	727	646	---	---
Zinc	ppm	ASTM D5185m	900	826	---	---
Sulfur	ppm	ASTM D5185m	1500	1545	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.86	---	---
Visc @ 40°C	cSt	ASTM D445	65	61.81	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WE0005985 **Received** : 30 Jan 2024  
**Lab Number** : 06074288 **Diagnosed** : 30 Jan 2024  
**Unique Number** : 10856379 **Diagnostician** : Doug Bogart  
**Test Package** : CONST ( Additional Tests: 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: