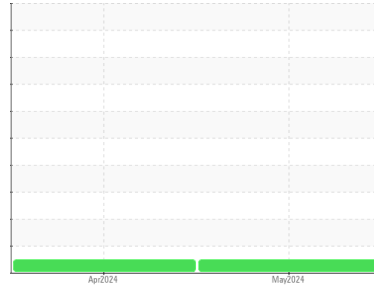




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**MINING**

Machine Id

**ME-84 JOHN DEERE 844L 1DW844LXCNL715070**

Component

**Transmission (Manual)**

Fluid

**SHELL SPIRAX S4 TXM (7 GAL)**

## 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 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			<b>WC0908951</b>	WC0908937	---
Sample Date	Client Info			<b>28 May 2024</b>	26 Apr 2024	---
Machine Age	hrs	Client Info		<b>0</b>	7231	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed	Client Info			<b>N/A</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<b>96</b>	94	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m	>7	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185m	>45	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>225	<b>18</b>	16	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	---

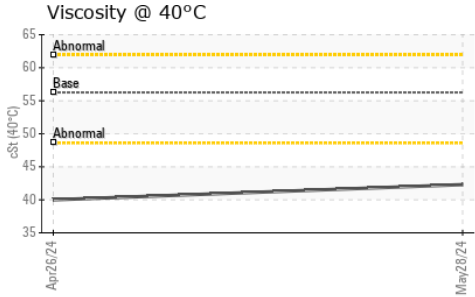
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	53	<b>0</b>	2	---
Barium	ppm	ASTM D5185m	0.3	<b>&lt;1</b>	1	---
Molybdenum	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>2</b>	2	---
Magnesium	ppm	ASTM D5185m	7.0	<b>75</b>	74	---
Calcium	ppm	ASTM D5185m	2456	<b>2885</b>	2905	---
Phosphorus	ppm	ASTM D5185m	822	<b>959</b>	975	---
Zinc	ppm	ASTM D5185m	988	<b>1112</b>	1127	---
Sulfur	ppm	ASTM D5185m	3794	<b>3755</b>	3915	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	<b>11</b>	12	---
Sodium	ppm	ASTM D5185m		<b>28</b>	30	---
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---
Free Water	scalar	*Visual		<b>NEG</b>	NEG	---



# OIL ANALYSIS REPORT

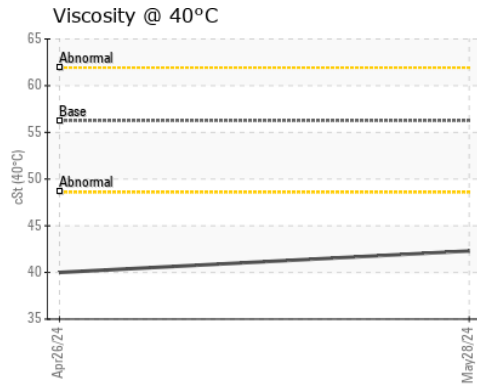
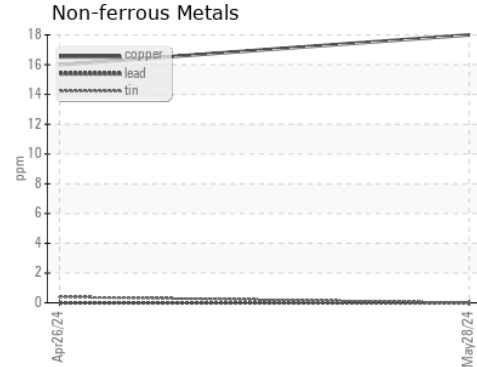
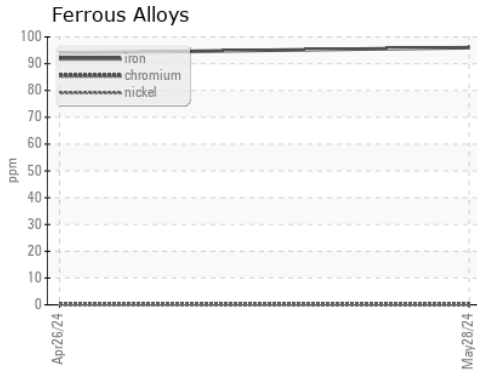


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	56.26	<b>42.3</b>	40.0	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color				no image	no image	no image
Bottom				no image	no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0908951      **Received** : 07 Jun 2024  
**Lab Number** : **06203713**      **Tested** : 10 Jun 2024  
**Unique Number** : 11071174      **Diagnosed** : 12 Jun 2024 - Angela Borella  
**Test Package** : CONST

**COVIA - GUION - 025**

421 MAIN STREET  
GUION, AR  
US 72540

Contact: DANIEL DELGADO  
daniel.delgado@coviacorp.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: