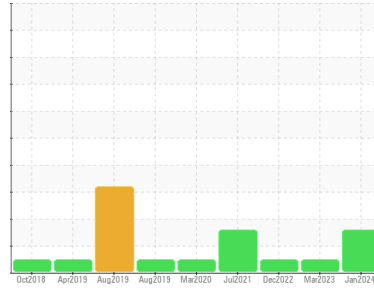




# OIL ANALYSIS REPORT

Sample Rating Trend



**WATER**



Machine Id  
**JOHN DEERE 30203**

Component  
**Left Final Drive**

Fluid  
**CHEVRON DELO GEAR ESI OIL 80W90 (2 QTS)**

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is a light concentration of water present 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		<b>WC0809952</b>	WC0756152	WC0733825
Sample Date	Client Info		<b>04 Jan 2024</b>	29 Mar 2023	06 Dec 2022
Machine Age	hrs	Client Info	<b>7659</b>	7153	1658
Oil Age	hrs	Client Info	<b>1500</b>	500	0
Oil Changed	Client Info		<b>Not Chngd</b>	Changed	Changed
Sample Status			<b>ABNORMAL</b>	NORMAL	NORMAL

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >750	<b>138</b>	161	374
Chromium	ppm	ASTM D5185m >9	<b>1</b>	2	4
Nickel	ppm	ASTM D5185m >10	<b>1</b>	1	1
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m	<b>0</b>	0	1
Aluminum	ppm	ASTM D5185m >40	<b>8</b>	17	21
Lead	ppm	ASTM D5185m >15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m >40	<b>&lt;1</b>	<1	1
Tin	ppm	ASTM D5185m >10	<b>0</b>	0	0
Antimony	ppm	ASTM D5185m >5	<b>---</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	<1

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>139</b>	220	147
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>8</b>	4	12
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	1	3
Magnesium	ppm	ASTM D5185m	<b>28</b>	15	45
Calcium	ppm	ASTM D5185m	<b>85</b>	48	149
Phosphorus	ppm	ASTM D5185m	<b>1653</b>	954	1136
Zinc	ppm	ASTM D5185m	<b>16</b>	50	180
Sulfur	ppm	ASTM D5185m	<b>18642</b>	18979	19627

## CONTAMINANTS

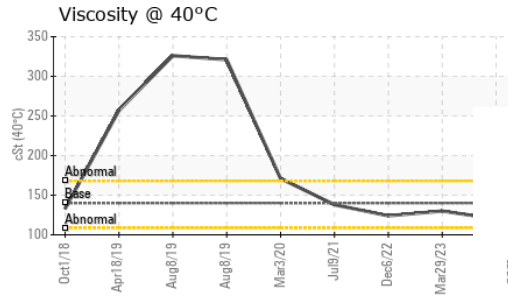
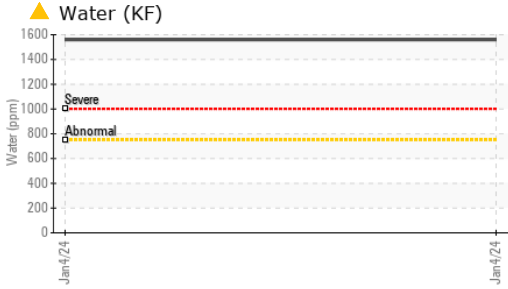
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	<b>25</b>	42	54
Sodium	ppm	ASTM D5185m >51	<b>0</b>	2	1
Potassium	ppm	ASTM D5185m >20	<b>3</b>	4	4
Water	%	ASTM D6304 >0.075	<b>▲ 0.156</b>	---	---
ppm Water	ppm	ASTM D6304 >750	<b>▲ 1560</b>	---	---

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	MODER
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual NONE	<b>MODER</b>	NONE	NONE
Debris	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual >0.075	<b>▲ 0.2%</b>	NEG	NEG
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG



# OIL ANALYSIS REPORT

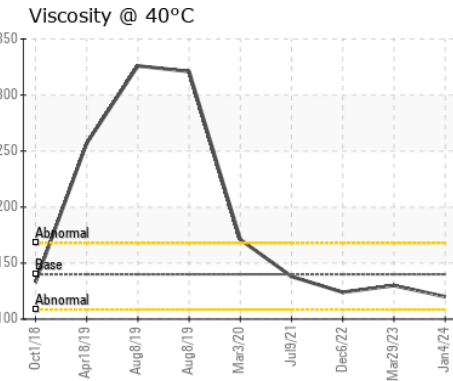
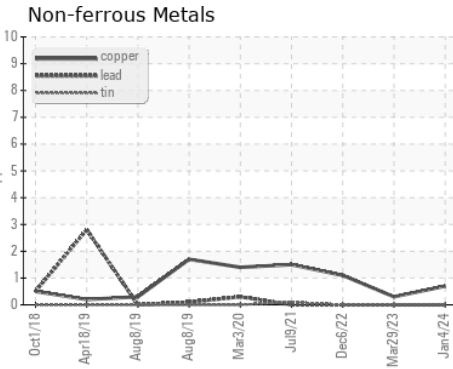
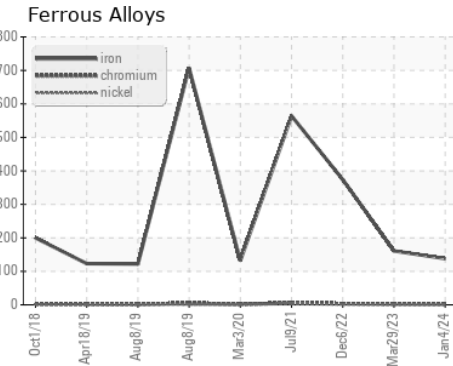


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	140	120	130

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	no image	no image	no image	no image	no image
Bottom	no image	no image	no image	no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0809952 **Received** : 16 Jan 2024  
**Lab Number** : 06061541 **Diagnosed** : 18 Jan 2024  
**Unique Number** : 10832923 **Diagnostician** : Jonathan Hester  
**Test Package** : CONST ( Additional Tests: KF )

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)

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