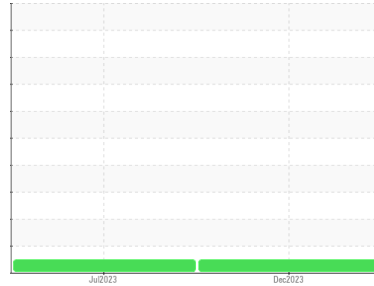




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**RONI**  
 Machine Id  
**100-004**  
 Component  
**Left Final Drive**  
 Fluid  
**PETRO CANADA TRAXON 80W90 (--- 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 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>WC0888420</b>	LH0270806	---
Sample Date	Client Info		<b>20 Dec 2023</b>	04 Jul 2023	---
Machine Age	hrs	Client Info	<b>0</b>	2897	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	<b>NEG</b>	NEG	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >500	<b>155</b>	762	---
Chromium	ppm	ASTM D5185(m) >10	<b>4</b>	16	---
Nickel	ppm	ASTM D5185(m) >10	<b>&lt;1</b>	1	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	7	---
Silver	ppm	ASTM D5185(m)	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m) >25	<b>15</b>	129	---
Lead	ppm	ASTM D5185(m) >25	<b>0</b>	<1	---
Copper	ppm	ASTM D5185(m) >50	<b>&lt;1</b>	2	---
Tin	ppm	ASTM D5185(m) >10	<b>0</b>	0	---
Antimony	ppm	ASTM D5185(m) >5	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	<1	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	---

## ADDITIVES

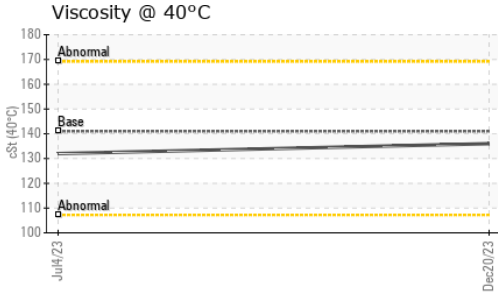
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 243	<b>226</b>	180	---
Barium	ppm	ASTM D5185(m) 1	<b>0</b>	1	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	1	---
Manganese	ppm	ASTM D5185(m)	<b>1</b>	8	---
Magnesium	ppm	ASTM D5185(m) 2	<b>9</b>	57	---
Calcium	ppm	ASTM D5185(m) 6	<b>39</b>	262	---
Phosphorus	ppm	ASTM D5185(m) 987	<b>963</b>	1034	---
Zinc	ppm	ASTM D5185(m) 1	<b>8</b>	22	---
Sulfur	ppm	ASTM D5185(m) 21530	<b>17446</b>	17155	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	<b>68</b>	472	---
Sodium	ppm	ASTM D5185(m)	<b>4</b>	21	---
Potassium	ppm	ASTM D5185(m) >20	<b>7</b>	51	---



# OIL ANALYSIS REPORT



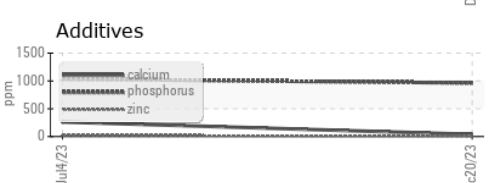
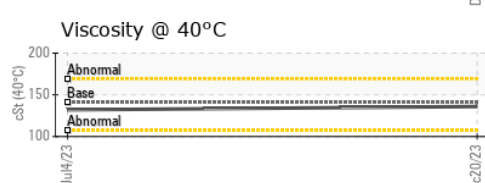
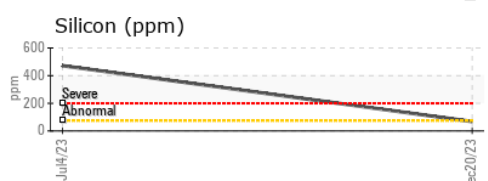
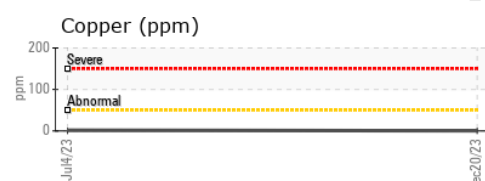
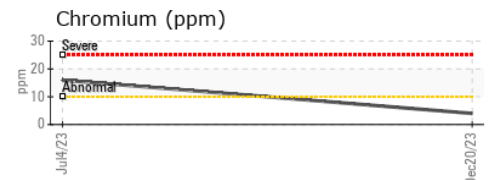
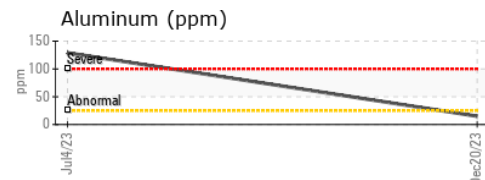
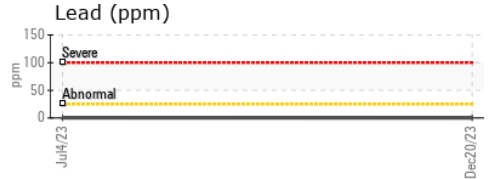
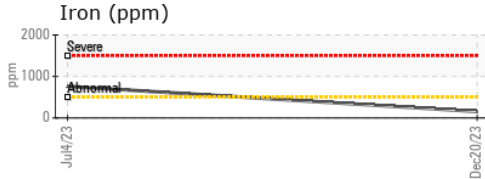
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	141.0	<b>136</b>	132

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **RONI/IRON SHORE EXCAVATING LTD.**  
**Sample No.** : WC0888420 **Received** : 27 Dec 2023 **100 MACINTOSH BLVD**  
**Lab Number** : 02605427 **Diagnosed** : 27 Dec 2023 **VAUGHAN, ON**  
**Unique Number** : 5698512 **Diagnostician** : Wes Davis **CA L4K 4P3**  
**Test Package** : MOBCE ( Additional Tests: Visual ) **Contact: Service Team**  
**service.team@roni.ca**

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.