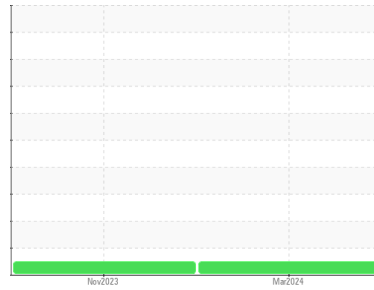




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Machine Id

**100-049**

Component

**Left Swing Drive**

Fluid

**PETRO CANADA TRAXON 80W90 (--- GAL)**

### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

#### 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>WC0920814</b>	WC0872863	---
Sample Date	Client Info		<b>21 Mar 2024</b>	20 Nov 2023	---
Machine Age	hrs	Client Info	<b>0</b>	0	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>N/A</b>	Changed	---
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) >400	<b>99</b>	134	---
Chromium	ppm	ASTM D5185(m) >10	<b>2</b>	3	---
Nickel	ppm	ASTM D5185(m) >10	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m) >25	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185(m) >50	<b>0</b>	<1	---
Copper	ppm	ASTM D5185(m) >200	<b>12</b>	15	---
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>	0	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	---

### ADDITIVES

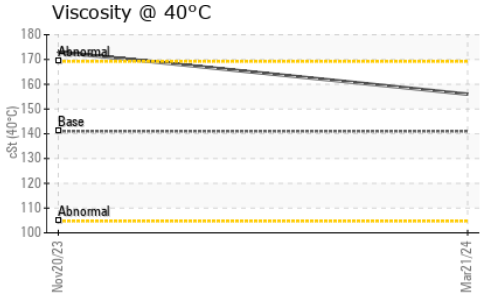
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 243	<b>98</b>	<1	---
Barium	ppm	ASTM D5185(m) 1	<b>1</b>	2	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)	<b>2</b>	3	---
Magnesium	ppm	ASTM D5185(m) 2	<b>&lt;1</b>	<1	---
Calcium	ppm	ASTM D5185(m) 6	<b>3</b>	5	---
Phosphorus	ppm	ASTM D5185(m) 987	<b>597</b>	321	---
Zinc	ppm	ASTM D5185(m) 1	<b>10</b>	18	---
Sulfur	ppm	ASTM D5185(m) 21530	<b>15690</b>	14663	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---

### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	<b>15</b>	19	---
Sodium	ppm	ASTM D5185(m)	<b>1</b>	2	---
Potassium	ppm	ASTM D5185(m) >20	<b>0</b>	0	---



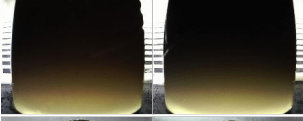

# OIL ANALYSIS REPORT



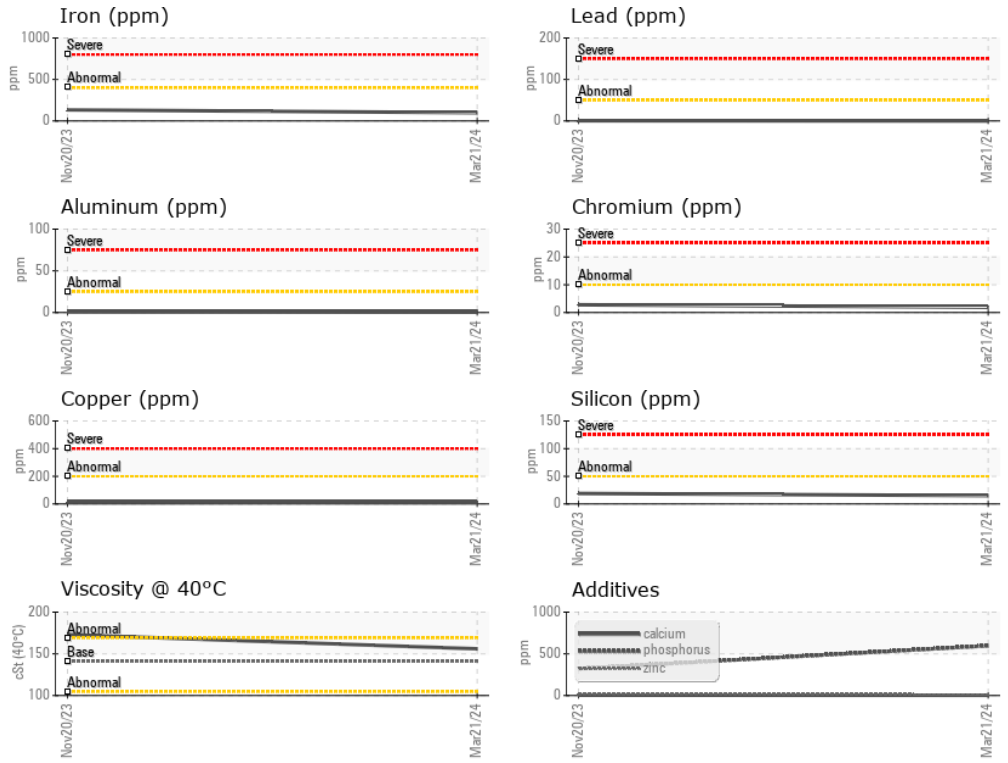
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	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>156</b>	173	---

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.** : WC0920814 **Received** : 16 Apr 2024 100 MACINTOSH BLVD  
**Lab Number** : **02629310** **Tested** : 16 Apr 2024 VAUGHAN, ON  
**Unique Number** : 5762442 **Diagnosed** : 16 Apr 2024 - 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.