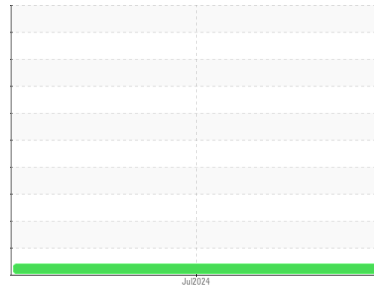




# OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Area  
**RONI**  
 Machine Id  
**140**  
 Component  
**Left Swing Drive**  
 Fluid  
**PETRO CANADA 30W (--- 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

Viscosity of sample indicates oil is within SAE 20 range, advise investigate. 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>WC0952935</b>	---	---
Sample Date	Client Info		<b>10 Jul 2024</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>Not Chngd</b>	---	---
Sample Status			<b>ABNORMAL</b>	---	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>400	<b>120</b>	---
Chromium	ppm	ASTM D5185(m)	>10	<b>1</b>	---
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---
Titanium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>2</b>	---
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	---
Copper	ppm	ASTM D5185(m)	>200	<b>16</b>	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---
Antimony	ppm	ASTM D5185(m)	>5	<b>0</b>	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	---

## ADDITIVES

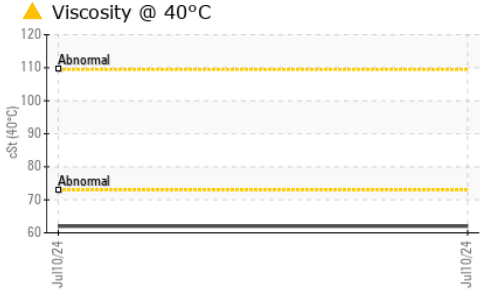
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>3</b>	---
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---
Molybdenum	ppm	ASTM D5185(m)		<b>&lt;1</b>	---
Manganese	ppm	ASTM D5185(m)		<b>1</b>	---
Magnesium	ppm	ASTM D5185(m)		<b>894</b>	---
Calcium	ppm	ASTM D5185(m)		<b>1039</b>	---
Phosphorus	ppm	ASTM D5185(m)		<b>1164</b>	---
Zinc	ppm	ASTM D5185(m)		<b>1251</b>	---
Sulfur	ppm	ASTM D5185(m)		<b>3052</b>	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	<b>12</b>	---
Sodium	ppm	ASTM D5185(m)		<b>1</b>	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---



# OIL ANALYSIS REPORT



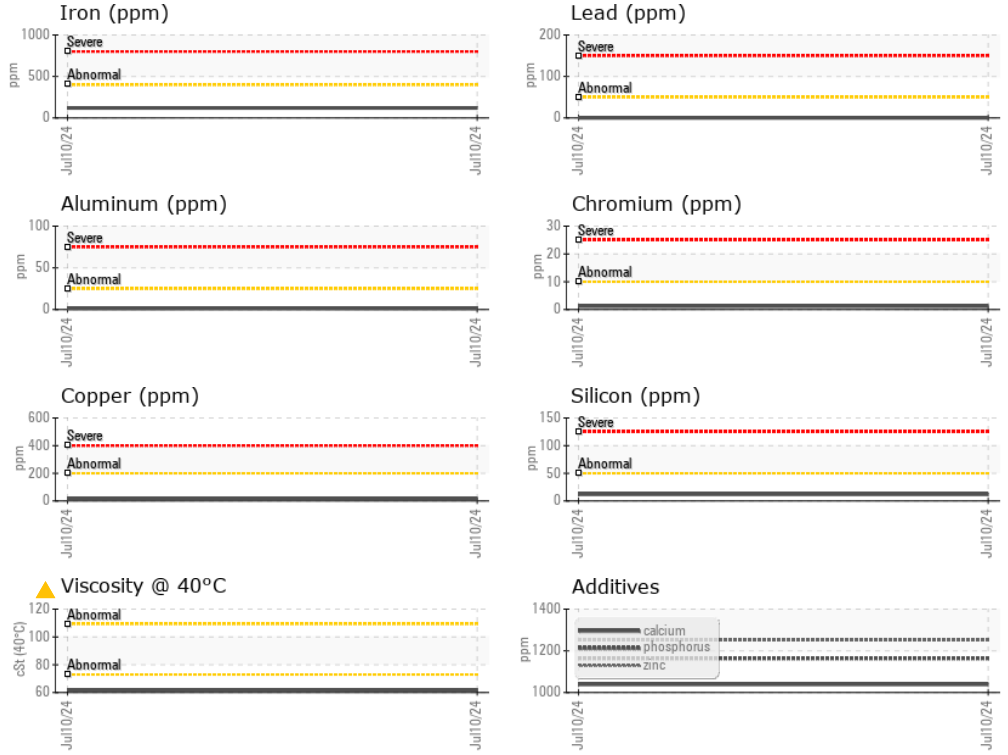
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	---	---
Precipitate	scalar	Visual*	NONE	---	---
Silt	scalar	Visual*	NONE	---	---
Debris	scalar	Visual*	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	---	---
Appearance	scalar	Visual*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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	▲ 62.0	---	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **RONI/IRON SHORE EXCAVATING LTD.**  
**Sample No.** : WC0952935 **Received** : 17 Jul 2024 100 MACINTOSH BLVD  
**Lab Number** : 02648494 **Tested** : 17 Jul 2024 VAUGHAN, ON  
**Unique Number** : 5814046 **Diagnosed** : 18 Jul 2024 - Kevin Marson CA L4K 4P3  
**Test Package** : MOBCE **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.