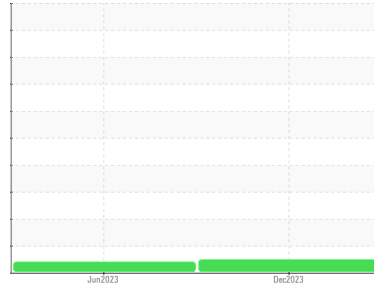




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
ORIN CONTRACTORS

Machine Id
222

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	WC0872984	LH0261612	---
Sample Date	Client Info	06 Dec 2023	21 Jun 2023	---
Machine Age	hrs	Client Info	0	594
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	Changed	Changed	---
Sample Status		NORMAL	ABNORMAL	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>500	82	233
Chromium	ppm	ASTM D5185(m)	>10	<1	4
Nickel	ppm	ASTM D5185(m)	>10	<1	<1
Titanium	ppm	ASTM D5185(m)		0	<1
Silver	ppm	ASTM D5185(m)		0	0
Aluminum	ppm	ASTM D5185(m)	>25	1	2
Lead	ppm	ASTM D5185(m)	>25	<1	<1
Copper	ppm	ASTM D5185(m)	>50	<1	1
Tin	ppm	ASTM D5185(m)	>10	0	0
Antimony	ppm	ASTM D5185(m)	>5	0	0
Vanadium	ppm	ASTM D5185(m)		0	0
Beryllium	ppm	ASTM D5185(m)		0	0
Cadmium	ppm	ASTM D5185(m)		0	0

ADDITIVES

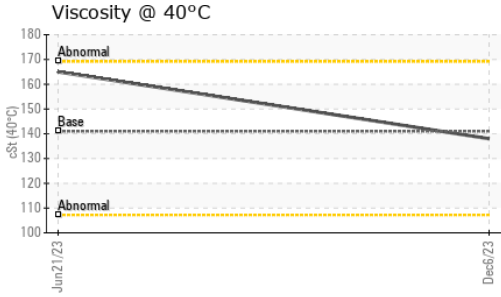
method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)	243	162	108
Barium	ppm	ASTM D5185(m)	1	10	25
Molybdenum	ppm	ASTM D5185(m)		0	<1
Manganese	ppm	ASTM D5185(m)		1	6
Magnesium	ppm	ASTM D5185(m)	2	5	8
Calcium	ppm	ASTM D5185(m)	6	18	43
Phosphorus	ppm	ASTM D5185(m)	987	959	1001
Zinc	ppm	ASTM D5185(m)	1	34	84
Sulfur	ppm	ASTM D5185(m)	21530	19801	22155
Lithium	ppm	ASTM D5185(m)		6	▲ 24

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>75	14	16
Sodium	ppm	ASTM D5185(m)		4	11
Potassium	ppm	ASTM D5185(m)	>20	7	29



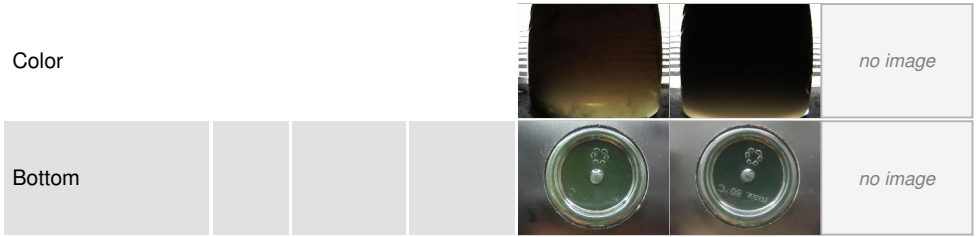
OIL ANALYSIS REPORT



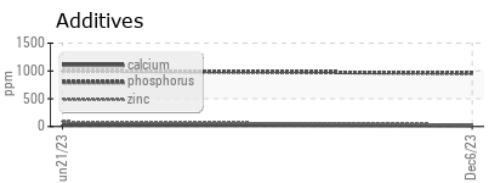
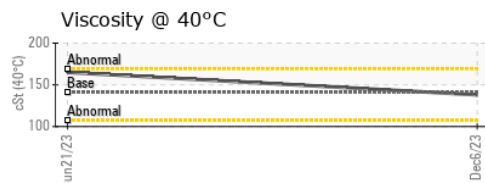
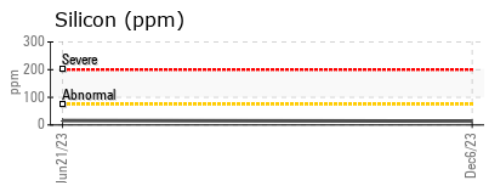
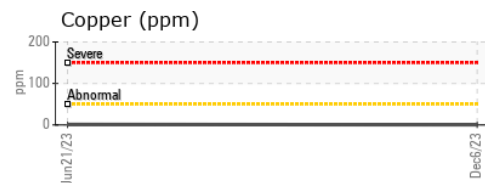
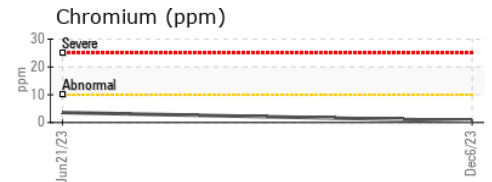
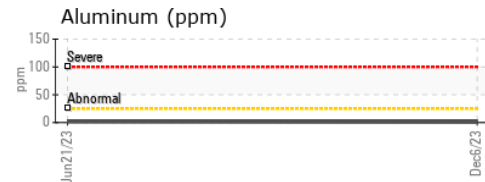
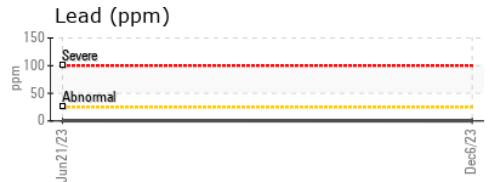
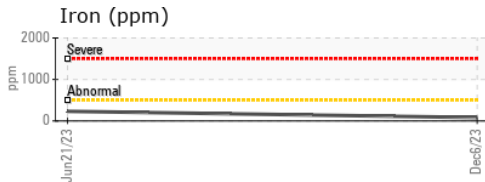
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	LIGHT	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	LIGHT	---
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	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	138	165	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **RONI/IRON SHORE EXCAVATING LTD.**
Sample No. : WC0872984 **Recieved** : 27 Dec 2023 **100 MACINTOSH BLVD**
Lab Number : **02605412** **Diagnosed** : 28 Dec 2023 **VAUGHAN, ON**
Unique Number : 5698497 **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.