



OIL ANALYSIS REPORT

Sample Rating Trend

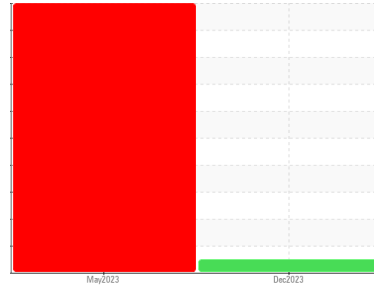
NORMAL



Area
RONI
Machine Id
193

Component
Right Final Drive
Fluid

PETRO CANADA TRAXON 75W90 SYNTHETIC (--- 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		WC0872943	LH0256800	---
Sample Date	Client Info		12 Dec 2023	24 May 2023	---
Machine Age	hrs	Client Info	0	0	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			NORMAL	SEVERE	---

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	2229
Chromium	ppm	ASTM D5185(m)	>10	1	29
Nickel	ppm	ASTM D5185(m)	>10	<1	2
Titanium	ppm	ASTM D5185(m)		0	23
Silver	ppm	ASTM D5185(m)		0	<1
Aluminum	ppm	ASTM D5185(m)	>25	14	421
Lead	ppm	ASTM D5185(m)	>25	0	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	1
Beryllium	ppm	ASTM D5185(m)		0	0
Cadmium	ppm	ASTM D5185(m)		0	<1

ADDITIVES

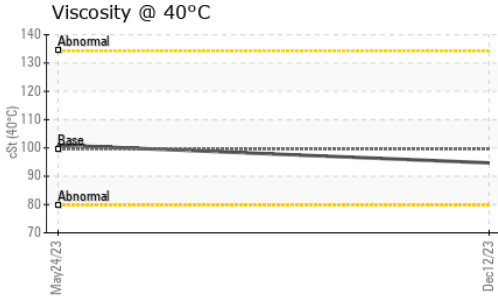
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	328	224	133
Barium	ppm	ASTM D5185(m)	1	0	<1
Molybdenum	ppm	ASTM D5185(m)		0	2
Manganese	ppm	ASTM D5185(m)		<1	18
Magnesium	ppm	ASTM D5185(m)	1	6	141
Calcium	ppm	ASTM D5185(m)	7	25	765
Phosphorus	ppm	ASTM D5185(m)	1145	1363	1397
Zinc	ppm	ASTM D5185(m)	3	12	19
Sulfur	ppm	ASTM D5185(m)	17909	22241	23320
Lithium	ppm	ASTM D5185(m)		<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	50	1421
Sodium	ppm	ASTM D5185(m)		3	65
Potassium	ppm	ASTM D5185(m)	>20	7	173



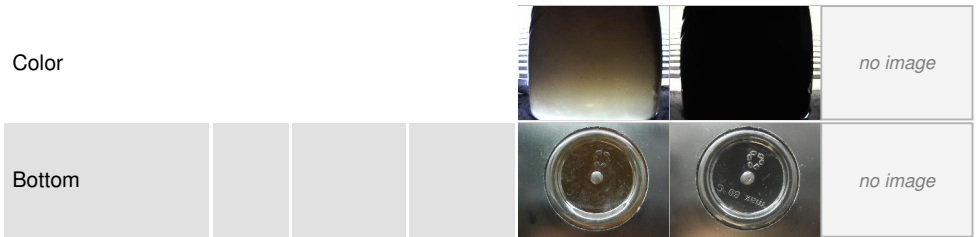
OIL ANALYSIS REPORT



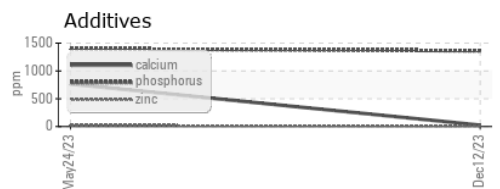
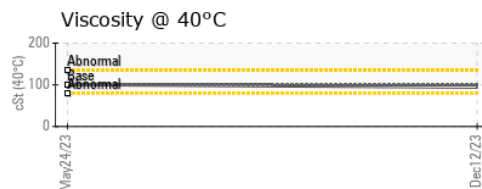
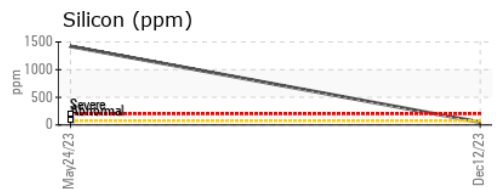
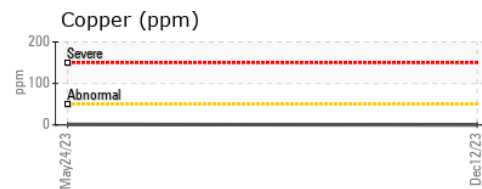
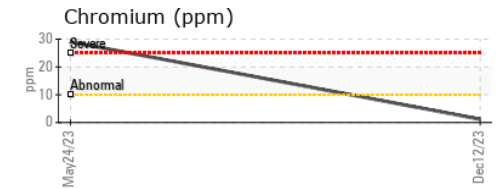
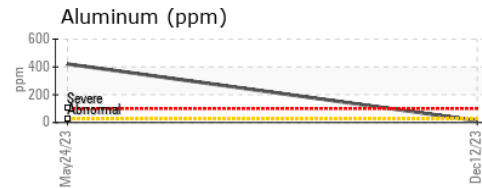
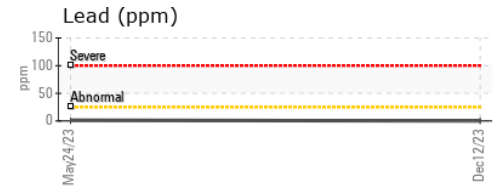
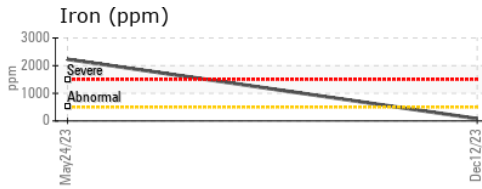
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	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)	99.6	94.7	101	---

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. : WC0872943 **Received** : 27 Dec 2023 **100 MACINTOSH BLVD**
Lab Number : 02605430 **Diagnosed** : 27 Dec 2023 **VAUGHAN, ON**
Unique Number : 5698515 **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.