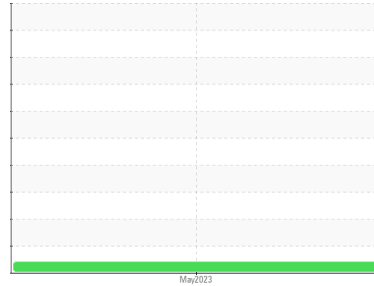


OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
50043907

Component
Port Transmission (Manual)

Fluid
SHELL ROTELLA T4 15W40 (--- LTR)

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 fluid.

▲ Fluid Condition

Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WA0019684	---	---
Sample Date	Client Info		15 May 2023	---	---
Machine Age	hrs	Client Info	607	---	---
Oil Age	hrs	Client Info	115	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	10	---
Chromium	ppm	ASTM D5185(m)	>5	0	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---
Titanium	ppm	ASTM D5185(m)		6	---
Silver	ppm	ASTM D5185(m)	>7	0	---
Aluminum	ppm	ASTM D5185(m)	>25	3	---
Lead	ppm	ASTM D5185(m)	>45	6	---
Copper	ppm	ASTM D5185(m)	>225	72	---
Tin	ppm	ASTM D5185(m)	>10	2	---
Antimony	ppm	ASTM D5185(m)		<1	---
Vanadium	ppm	ASTM D5185(m)		<1	---
Beryllium	ppm	ASTM D5185(m)		0	---
Cadmium	ppm	ASTM D5185(m)		0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		143	---
Barium	ppm	ASTM D5185(m)		0	---
Molybdenum	ppm	ASTM D5185(m)		11	---
Manganese	ppm	ASTM D5185(m)		<1	---
Magnesium	ppm	ASTM D5185(m)		238	---
Calcium	ppm	ASTM D5185(m)		2078	---
Phosphorus	ppm	ASTM D5185(m)		972	---
Zinc	ppm	ASTM D5185(m)		1030	---
Sulfur	ppm	ASTM D5185(m)		3527	---
Lithium	ppm	ASTM D5185(m)		<1	---

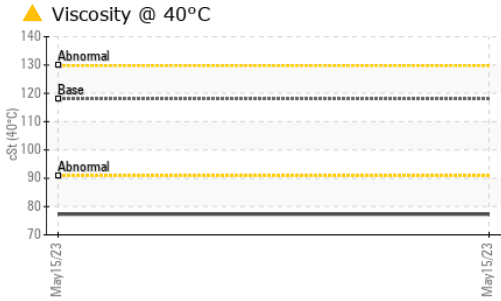
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	3	---
Sodium	ppm	ASTM D5185(m)		4	---
Potassium	ppm	ASTM D5185(m)	>20	4	---

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*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

OIL ANALYSIS REPORT

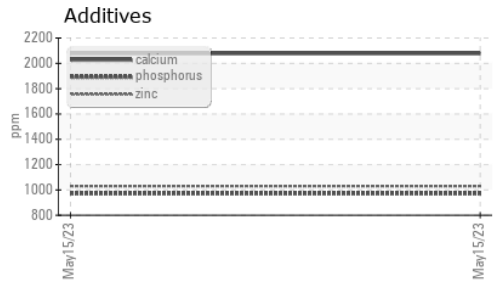
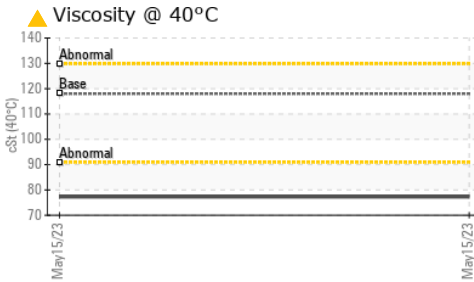
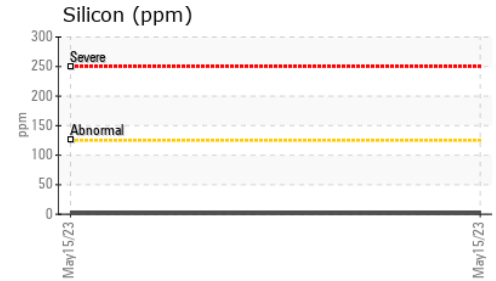
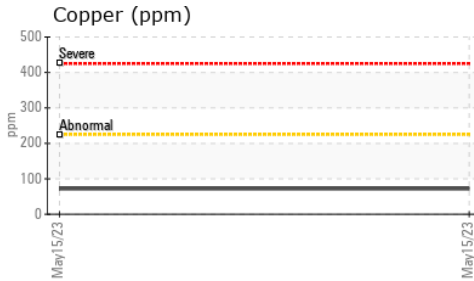
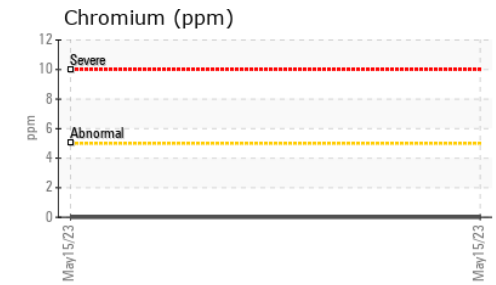
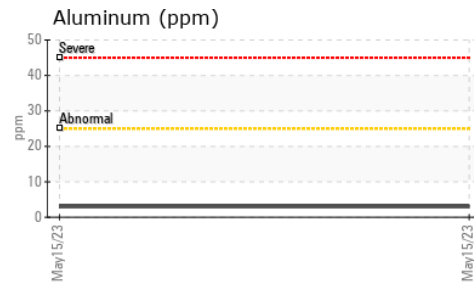
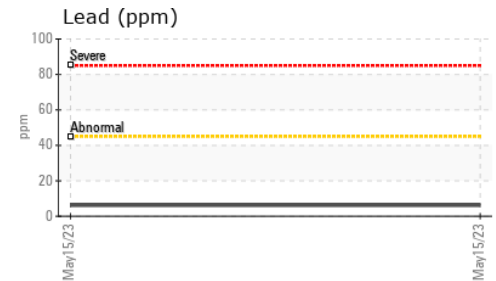
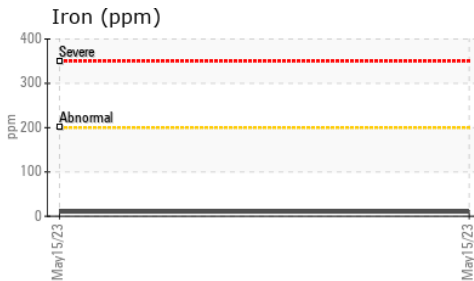


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	▲ 77.3	---	---

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
Sample No. : WA0019684 **Received** : 23 May 2023
Lab Number : 02559028 **Diagnosed** : 24 May 2023
Unique Number : 5580068 **Diagnostician** : Kevin Marson
Test Package : MOB 1

CCGS LA POILE BAY
 21 LOWER WARREN STREET
 LOUISBOURG, NS
 CA B1L 1B5
 Contact: Service Manager
 spindrifteng.ccs@dg-mpo.gc.ca
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 F:

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.