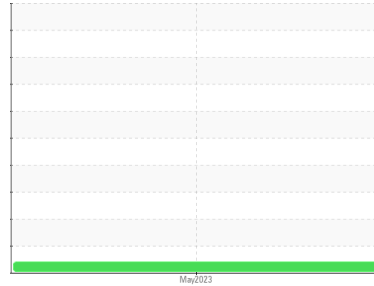




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
KUBOTA R420 OR88

Component
Rear Differential

Fluid
PETRO CANADA TRAXON 75W90 SYNTHETIC (--- LTR)

DIAGNOSIS

▲ Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. 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 30 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0082107	---	---
Sample Date	Client Info	09 May 2023	---	---
Machine Age	hrs Client Info	4321	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m)	>500	48	---	---
Chromium ppm ASTM D5185(m)	>10	<1	---	---
Nickel ppm ASTM D5185(m)	>10	0	---	---
Titanium ppm ASTM D5185(m)		<1	---	---
Silver ppm ASTM D5185(m)		0	---	---
Aluminum ppm ASTM D5185(m)	>25	1	---	---
Lead ppm ASTM D5185(m)	>25	0	---	---
Copper ppm ASTM D5185(m)	>100	<1	---	---
Tin ppm ASTM D5185(m)	>10	0	---	---
Antimony ppm ASTM D5185(m)	>5	0	---	---
Vanadium ppm ASTM D5185(m)		0	---	---
Beryllium ppm ASTM D5185(m)		0	---	---
Cadmium ppm ASTM D5185(m)		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185(m)	328	43	---	---
Barium ppm ASTM D5185(m)	1	0	---	---
Molybdenum ppm ASTM D5185(m)		38	---	---
Manganese ppm ASTM D5185(m)		<1	---	---
Magnesium ppm ASTM D5185(m)	1	544	---	---
Calcium ppm ASTM D5185(m)	7	1543	---	---
Phosphorus ppm ASTM D5185(m)	1145	885	---	---
Zinc ppm ASTM D5185(m)	3	961	---	---
Sulfur ppm ASTM D5185(m)	17909	2694	---	---
Lithium ppm ASTM D5185(m)		<1	---	---

CONTAMINANTS

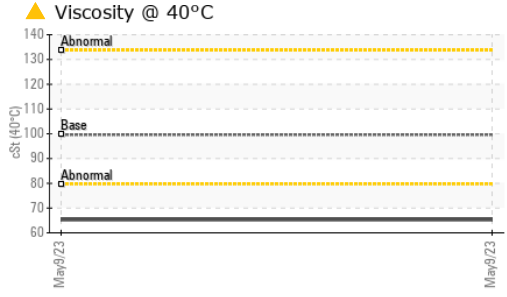
method	limit/base	current	history1	history2
Silicon ppm ASTM D5185(m)	>75	5	---	---
Sodium ppm ASTM D5185(m)		3	---	---
Potassium ppm ASTM D5185(m)	>20	<1	---	---

VISUAL

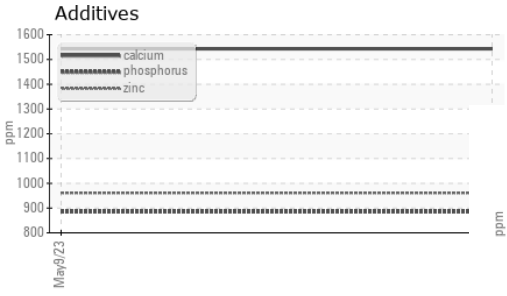
method	limit/base	current	history1	history2
White Metal scalar Visual*	NONE	NONE	---	---
Yellow Metal scalar Visual*	NONE	NONE	---	---
Precipitate scalar Visual*	NONE	NONE	---	---
Silt scalar Visual*	NONE	NONE	---	---
Debris scalar Visual*	NONE	VLITE	---	---
Sand/Dirt scalar Visual*	NONE	NONE	---	---
Appearance scalar Visual*	NORML	NORML	---	---
Odor scalar Visual*	NORML	NORML	---	---
Emulsified Water scalar Visual*	>.2	NEG	---	---
Free Water scalar Visual*		NEG	---	---



OIL ANALYSIS REPORT



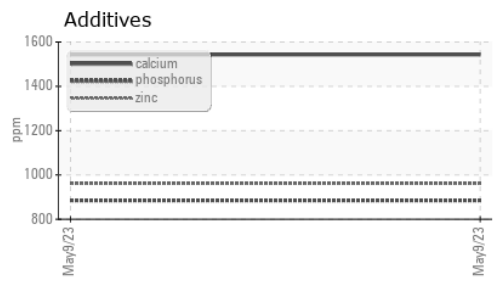
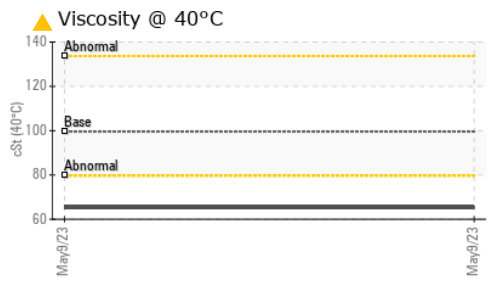
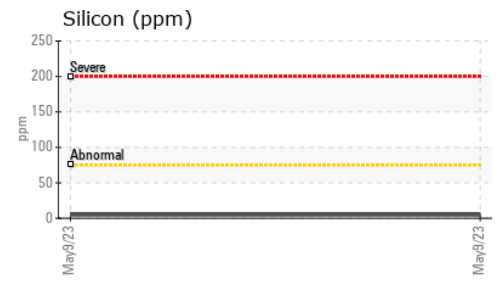
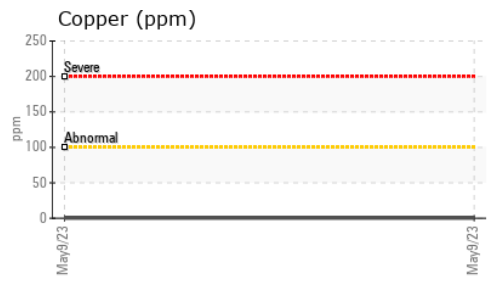
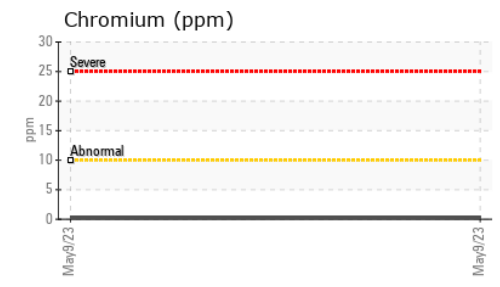
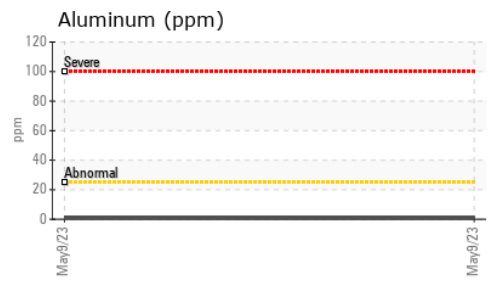
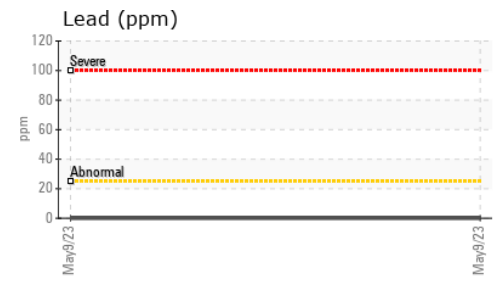
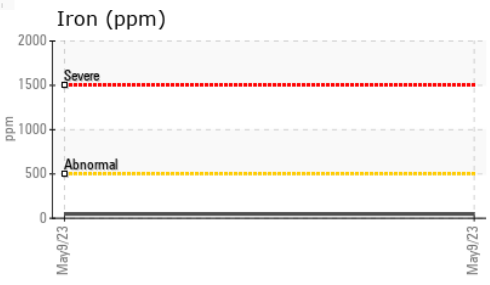
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	▲ 65.3	---	---



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. : GFL0082107 Received : 30 Aug 2023
 Lab Number : 02579421 Diagnosed : 31 Aug 2023
 Unique Number : 5632481 Diagnostician : Kevin Marson
 Test Package : MOB 1

GFL Environmental - 527
 449 Feldman Rd.
 Timmins, ON
 CA P4N 7E2
 Contact: Martin St-Pierre
 martinstpierre@gflenv.com
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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.