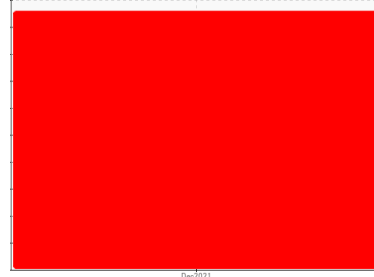




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id

401099

Component

Transmission (Auto)

Fluid

PETRO CANADA TRAXON E SYNTHETIC 75W-90 (--- GAL)

DIAGNOSIS

▲ Recommendation

The fluid change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

▲ Wear

Copper ppm levels are severe. Lead ppm levels are abnormal. Clutch disc wear or oil cooler leaching indicated.

Contamination

There is no indication of any contamination in the fluid.

▲ Fluid Condition

Viscosity of sample indicates oil is within SAE 50 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0039302	---	---
Sample Date	Client Info		19 Dec 2021	---	---
Machine Age	hrs	Client Info	9923	---	---
Oil Age	hrs	Client Info	1000	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			SEVERE	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	117	---
Chromium	ppm	ASTM D5185(m)	>5	<1	---
Nickel	ppm	ASTM D5185(m)	>5	0	---
Titanium	ppm	ASTM D5185(m)		<1	---
Silver	ppm	ASTM D5185(m)	>7	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	3	---
Lead	ppm	ASTM D5185(m)	>45	46	---
Copper	ppm	ASTM D5185(m)	>225	1644	---
Tin	ppm	ASTM D5185(m)	>10	<1	---
Antimony	ppm	ASTM D5185(m)		0	---
Vanadium	ppm	ASTM D5185(m)		0	---
Beryllium	ppm	ASTM D5185(m)		0	---
Cadmium	ppm	ASTM D5185(m)		0	---

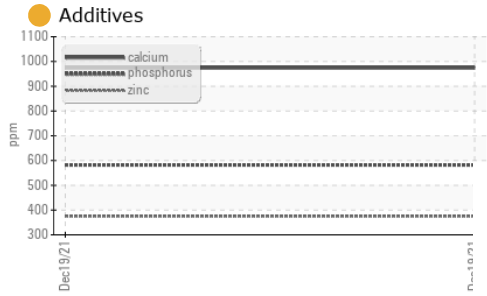
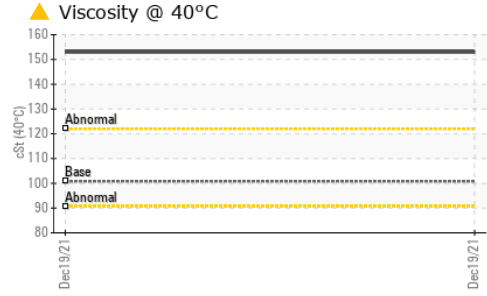
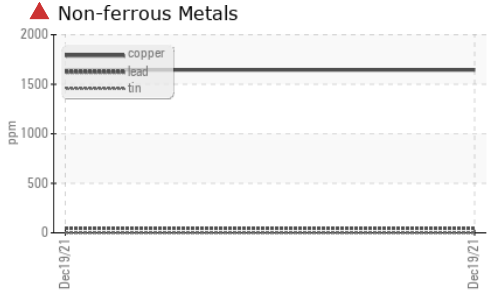
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	229	18	---
Barium	ppm	ASTM D5185(m)	<1	1	---
Molybdenum	ppm	ASTM D5185(m)		6	---
Manganese	ppm	ASTM D5185(m)		4	---
Magnesium	ppm	ASTM D5185(m)	<1	34	---
Calcium	ppm	ASTM D5185(m)		974	---
Phosphorus	ppm	ASTM D5185(m)	1355	582	---
Zinc	ppm	ASTM D5185(m)		375	---
Sulfur	ppm	ASTM D5185(m)	22698	5593	---
Lithium	ppm	ASTM D5185(m)		<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	10	---
Sodium	ppm	ASTM D5185(m)		45	---
Potassium	ppm	ASTM D5185(m)	>20	2	---

OIL ANALYSIS REPORT



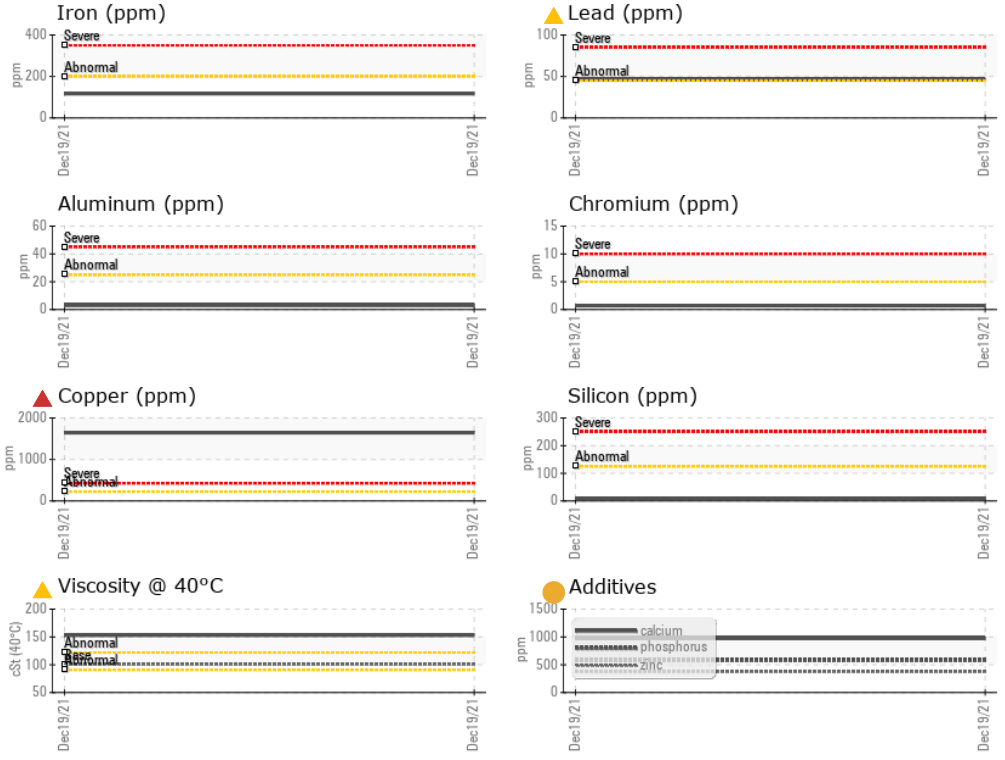
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	---	---
Precipitate	scalar	Visual*	NONE	---	---
Silt	scalar	Visual*	NONE	---	---
Debris	scalar	Visual*	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	---	---
Appearance	scalar	Visual*	NORML	---	---
Odor	scalar	Visual*	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	---	---
Free Water	scalar	Visual*	---	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	100.8 ▲ 153	---	---

SAMPLE IMAGES

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 573 - Vancouver Hauling**
Sample No. : GFL0039302 **Received** : 10 Jan 2022 70 Golden Drive,
Lab Number : 02465531 **Tested** : 11 Jan 2022 Coquitlam, BC
Unique Number : 5333189 **Diagnosed** : 11 Jan 2022 - Kevin Marson CA V3K 6B5
Test Package : MOB 1

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.