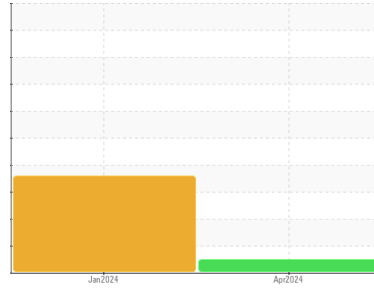




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id

**422096**

Component

**Transmission (Auto)**

Fluid

**PETRO CANADA DuraDrive HD Synthetic 668 (--- 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 fluid.

### Fluid Condition

The condition of the fluid is acceptable for the time in service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0093103</b>	GFL0093030	---
Sample Date	Client Info		<b>09 Apr 2024</b>	19 Jan 2024	---
Machine Age	mls	Client Info	<b>118977</b>	0	---
Oil Age	mls	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>Changed</b>	Changed	---
Sample Status			<b>NORMAL</b>	ABNORMAL	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	<b>62</b>	149	---
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m >5	<b>&lt;1</b>	1	---
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m >5	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185m >50	<b>27</b>	▲ 67	---
Lead	ppm	ASTM D5185m >50	<b>23</b>	▲ 57	---
Copper	ppm	ASTM D5185m >225	<b>27</b>	56	---
Tin	ppm	ASTM D5185m >10	<b>6</b>	▲ 13	---
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Cadmium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>94</b>	85	---
Barium	ppm	ASTM D5185m	<b>2</b>	0	---
Molybdenum	ppm	ASTM D5185m	<b>1</b>	2	---
Manganese	ppm	ASTM D5185m	<b>2</b>	3	---
Magnesium	ppm	ASTM D5185m	<b>2</b>	<1	---
Calcium	ppm	ASTM D5185m	<b>109</b>	64	---
Phosphorus	ppm	ASTM D5185m	<b>240</b>	230	---
Zinc	ppm	ASTM D5185m	<b>3</b>	<1	---
Sulfur	ppm	ASTM D5185m	<b>1614</b>	1326	---

## CONTAMINANTS

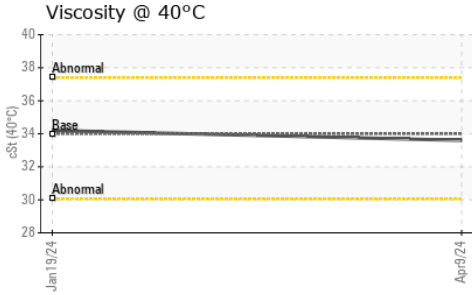
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>5</b>	7	---
Sodium	ppm	ASTM D5185m	<b>2</b>	3	---
Potassium	ppm	ASTM D5185m >20	<b>3</b>	6	---

## VISUAL

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



# OIL ANALYSIS REPORT



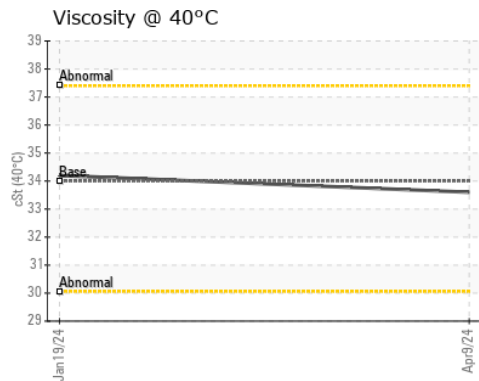
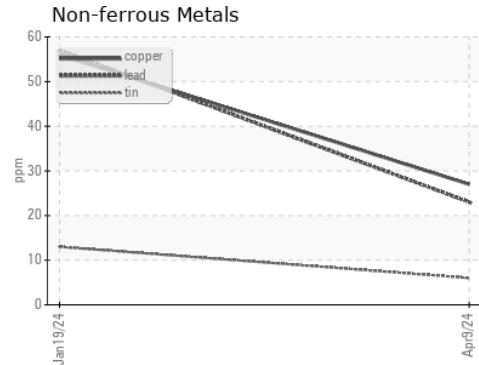
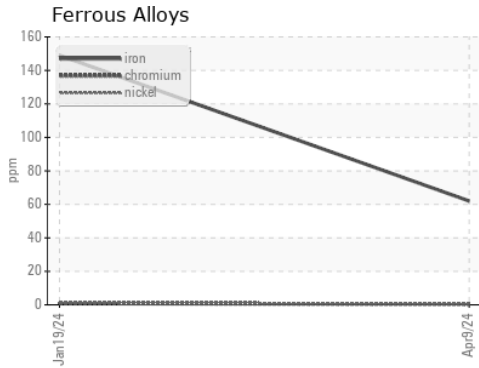
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>33.6</b>	34.2	---

### SAMPLE IMAGES

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

### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GFL0093103  
**Lab Number** : 06153550  
**Unique Number** : 10983628  
**Test Package** : FLEET

**Received** : 18 Apr 2024  
**Tested** : 19 Apr 2024  
**Diagnosed** : 19 Apr 2024 - Wes Davis

**GFL Environmental - 413 - Whiteland Hauling**  
 2959 S EMERSON AVE  
 WHITELAND, IN  
 US 46184

Contact: Christyan Trent-Proctor  
 ctrentproctor@gflenv.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:  
F: