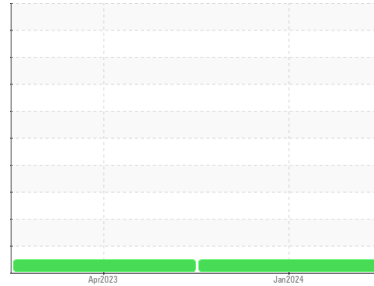




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**913098**

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>GFL0100597</b>	GFL0077045	---
Sample Date	Client Info		<b>14 Jan 2024</b>	08 Apr 2023	---
Machine Age	hrs	Client Info	<b>3246</b>	1100	---
Oil Age	hrs	Client Info	<b>0</b>	1100	---
Oil Changed	Client Info		<b>Changed</b>	Changed	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## 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 D5185(m)	>230	<b>17</b>	46	---
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>65	<b>10</b>	16	---
Lead	ppm	ASTM D5185(m)	>55	<b>1</b>	7	---
Copper	ppm	ASTM D5185(m)	>85	<b>5</b>	11	---
Tin	ppm	ASTM D5185(m)	>5	<b>2</b>	4	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	---

## ADDITIVES

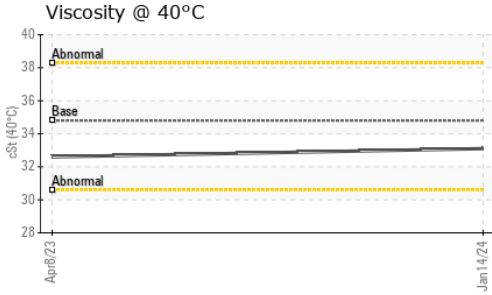
	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)	78	<b>69</b>	53	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	1	---
Magnesium	ppm	ASTM D5185(m)	0	<b>3</b>	<1	---
Calcium	ppm	ASTM D5185(m)	113	<b>127</b>	130	---
Phosphorus	ppm	ASTM D5185(m)	222	<b>210</b>	226	---
Zinc	ppm	ASTM D5185(m)		<b>6</b>	4	---
Sulfur	ppm	ASTM D5185(m)	1326	<b>1513</b>	1623	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

## CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	<b>2</b>	5	---
Sodium	ppm	ASTM D5185(m)		<b>3</b>	5	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	4	---



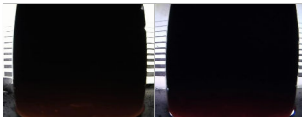

# OIL ANALYSIS REPORT



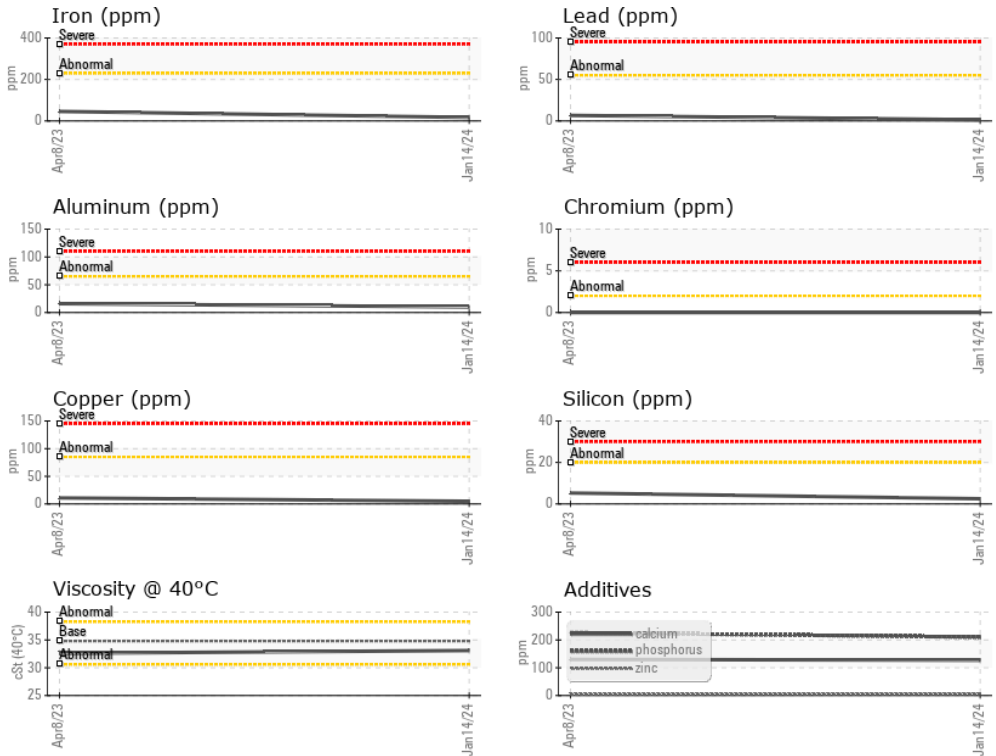
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	<b>33.1</b>	32.6	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 575 - Squamish Hauling  
**Sample No.** : GFL0100597 **Received** : 23 Jan 2024 38950 Queens Way,  
**Lab Number** : 02610649 **Diagnosed** : 23 Jan 2024 Squamish, BC  
**Unique Number** : 5711735 **Diagnostician** : Wes Davis CA V8B 0K8  
**Test Package** : MOB 1 Contact: Jonas Araujo jaraujo@gflenv.com

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.