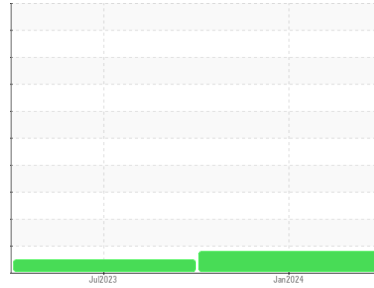




# OIL ANALYSIS REPORT

Sample Rating Trend



**WEAR**



Machine Id  
**713069**

Component  
**Transmission (Auto)**

Fluid  
**PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)**

## DIAGNOSIS

### Recommendation

Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

### Wear

Usure de disque d'embrayage.

### Contamination

Il n'y a aucun indice de contamination dans le fluide.

### Fluid Condition

le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0103736</b>	GFL0084449	---
Sample Date	Client Info		<b>15 Jan 2024</b>	25 Jul 2023	---
Machine Age	kms	Client Info	<b>1850</b>	9786	---
Oil Age	kms	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>Not Chngd</b>	N/A	---
Sample Status			<b>ABNORMAL</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) >160	<b>63</b>	57	---
Chromium	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m) >50	<b>29</b>	18	---
Lead	ppm	ASTM D5185(m) >50	<b>▲ 56</b>	18	---
Copper	ppm	ASTM D5185(m) >225	<b>17</b>	15	---
Tin	ppm	ASTM D5185(m) >10	<b>3</b>	2	---
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	---
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)	<b>79</b>	105	---
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185(m)	<b>1</b>	2	---
Magnesium	ppm	ASTM D5185(m)	<b>3</b>	1	---
Calcium	ppm	ASTM D5185(m)	<b>73</b>	86	---
Phosphorus	ppm	ASTM D5185(m)	<b>253</b>	286	---
Zinc	ppm	ASTM D5185(m)	<b>8</b>	8	---
Sulfur	ppm	ASTM D5185(m)	<b>1122</b>	1066	---
Lithium	ppm	ASTM D5185(m)	<b>1</b>	1	---

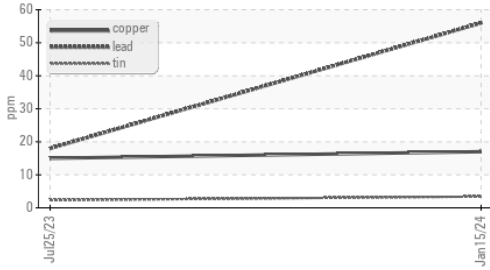
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	<b>6</b>	7	---
Sodium	ppm	ASTM D5185(m)	<b>6</b>	5	---
Potassium	ppm	ASTM D5185(m) >20	<b>5</b>	4	---



# OIL ANALYSIS REPORT

### ▲ Non-ferrous Metals



### Viscosity @ 40°C



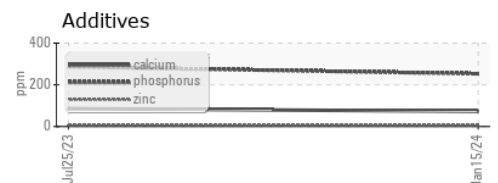
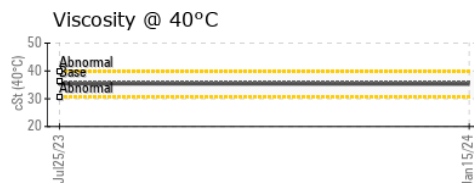
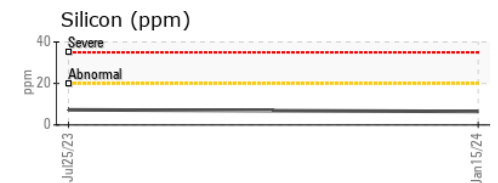
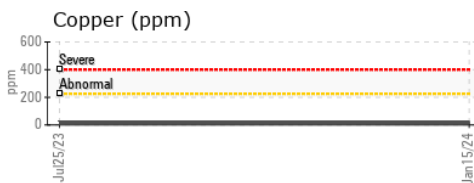
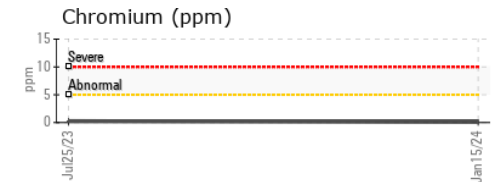
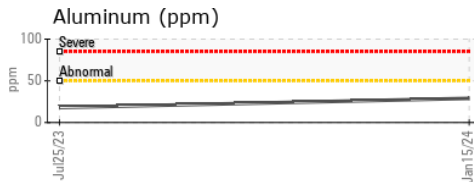
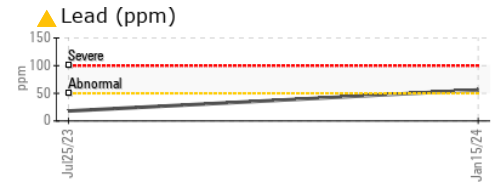
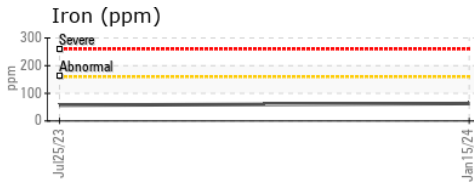
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	VLITE	---
Debris	scalar	Visual*	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	<b>35.3</b>	35.4

### SAMPLE IMAGES

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

### GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste  
**Sample No.** : GFL0103736 **Received** : 18 Jan 2024 4365 boul. St-Elzear Ouest, Laval, QC  
**Lab Number** : 02609723 **Diagnosed** : 18 Jan 2024 CA H7P 4J3  
**Unique Number** : 5710809 **Diagnostician** : Kevin Marson Contact: Louis Michaud  
**Test Package** : MOB 1 louis.michaud@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.