



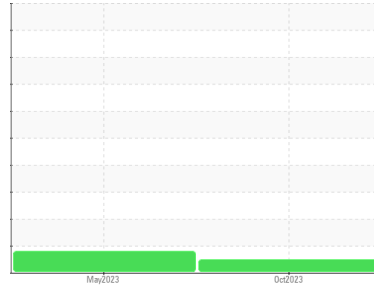
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**701108**  
 Component  
**Transmission (Auto)**  
 Fluid  
**PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)**



## DIAGNOSIS

### Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

### Wear

Les taux d'usure de tous les composants sont normaux.

### Contamination

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

### Fluid Condition

L'état de le fluide est acceptable pour la durée de service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0097096</b>	GFL0084373	---
Sample Date	Client Info		<b>05 Oct 2023</b>	17 May 2023	---
Machine Age	kms	Client Info	<b>163289</b>	9425	---
Oil Age	kms	Client Info	<b>0</b>	1200	---
Oil Changed	Client Info		<b>Not Chngd</b>	N/A	---
Sample Status			<b>NORMAL</b>	ABNORMAL	---

## WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>230	<b>28</b>	14	---
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	▲ 3	---
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>65	<b>13</b>	2	---
Lead	ppm	ASTM D5185(m)	>55	<b>2</b>	<1	---
Copper	ppm	ASTM D5185(m)	>85	<b>10</b>	6	---
Tin	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	---
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)		<b>72</b>	3	---
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185(m)		<b>2</b>	6	---
Calcium	ppm	ASTM D5185(m)		<b>124</b>	76	---
Phosphorus	ppm	ASTM D5185(m)		<b>203</b>	361	---
Zinc	ppm	ASTM D5185(m)		<b>6</b>	405	---
Sulfur	ppm	ASTM D5185(m)		<b>1408</b>	827	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

## CONTAMINANTS

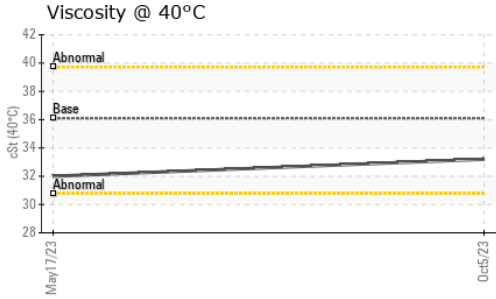
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	<b>5</b>	6	---
Sodium	ppm	ASTM D5185(m)		<b>7</b>	19	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	---

## VISUAL

	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	---
Debris	scalar	Visual*	NONE	<b>VLITE</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	---



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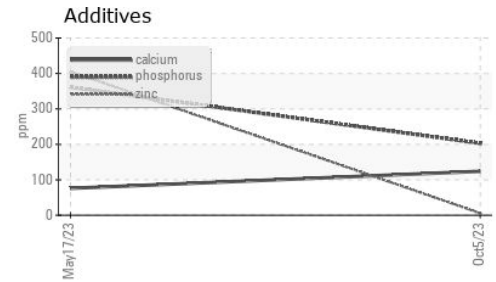
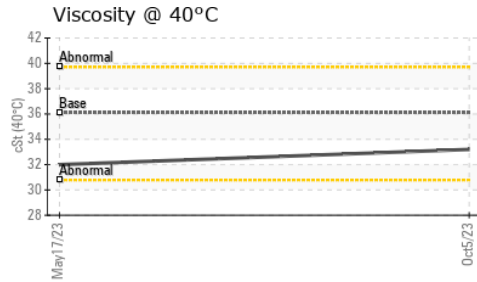
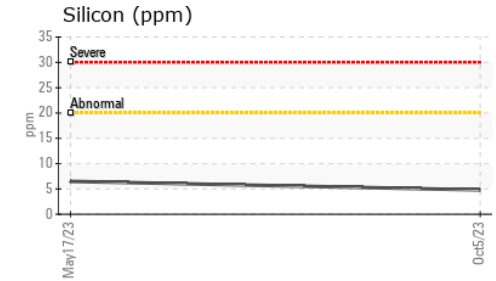
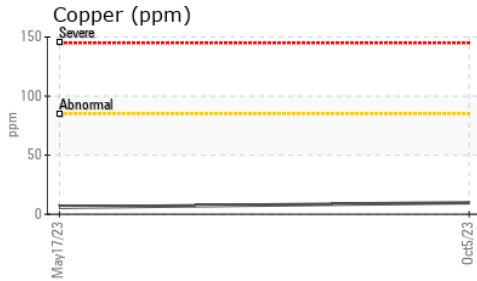
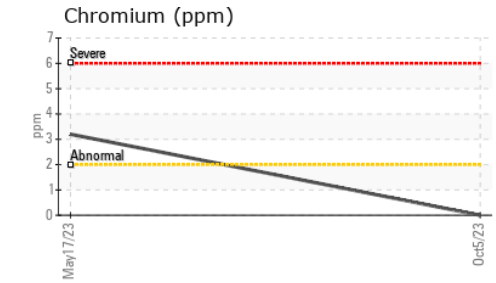
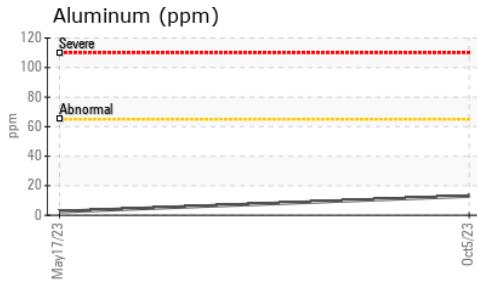
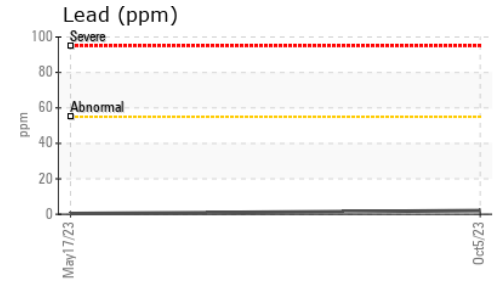
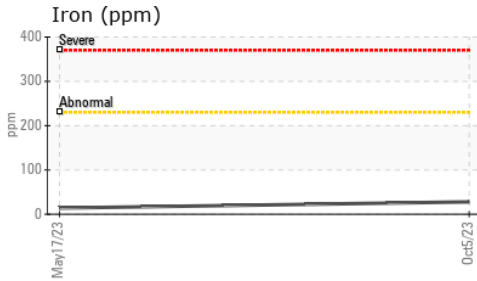


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	<b>33.2</b>	32.0	---

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 - 780 - GMA - ICI - Solid Waste  
**Sample No.** : GFL0097096 **Received** : 13 Oct 2023 4365 boul. St-Elzear Ouest, Laval, QC  
**Lab Number** : 02588958 **Diagnosed** : 13 Oct 2023 CA H7P 4J3  
**Unique Number** : 5658024 **Diagnostician** : Wes Davis  
**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.

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