



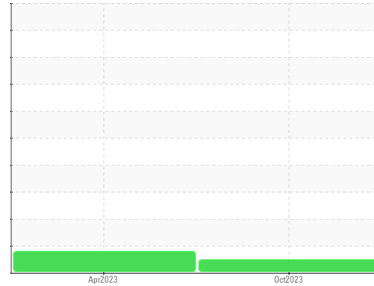
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**7240**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DURADRIIVE 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>GFL0097104</b>	GFL0073407	---
Sample Date	Client Info		<b>02 Oct 2023</b>	14 Apr 2023	---
Machine Age	hrs	Client Info	<b>286759</b>	14002	---
Oil Age	hrs	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) >300	<b>202</b>	▲ 393	---
Chromium	ppm	ASTM D5185(m) >2	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m) >4	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m) >3	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185(m) >70	<b>14</b>	29	---
Lead	ppm	ASTM D5185(m) >85	<b>8</b>	19	---
Copper	ppm	ASTM D5185(m) >90	<b>23</b>	56	---
Tin	ppm	ASTM D5185(m) >10	<b>1</b>	3	---
Antimony	ppm	ASTM D5185(m) >5	<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>76</b>	88	---
Barium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	<1	---
Manganese	ppm	ASTM D5185(m)	<b>1</b>	4	---
Magnesium	ppm	ASTM D5185(m)	<b>&lt;1</b>	1	---
Calcium	ppm	ASTM D5185(m)	<b>122</b>	114	---
Phosphorus	ppm	ASTM D5185(m)	<b>226</b>	283	---
Zinc	ppm	ASTM D5185(m)	<b>14</b>	25	---
Sulfur	ppm	ASTM D5185(m)	<b>1481</b>	1440	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---

## CONTAMINANTS

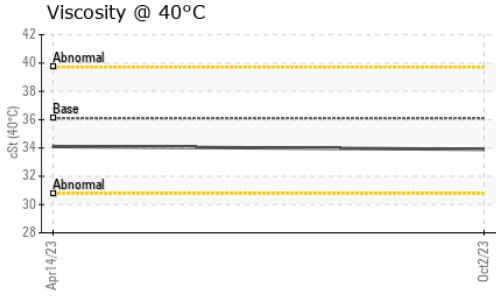
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	<b>13</b>	16	---
Sodium	ppm	ASTM D5185(m)	<b>4</b>	4	---
Potassium	ppm	ASTM D5185(m) >20	<b>&lt;1</b>	<1	---

## 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>	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

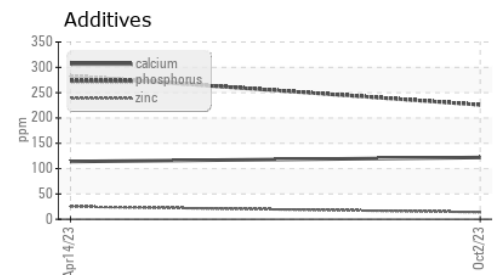
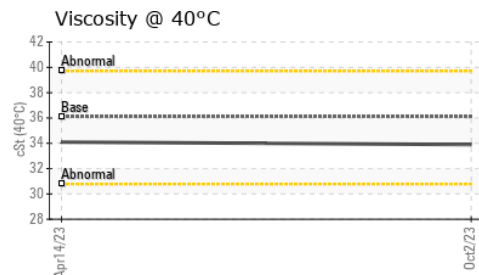
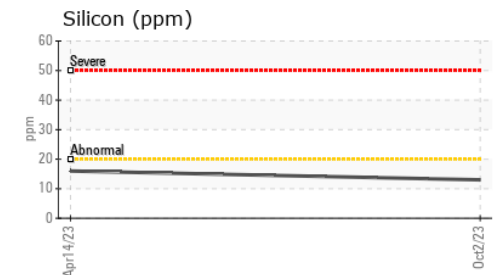
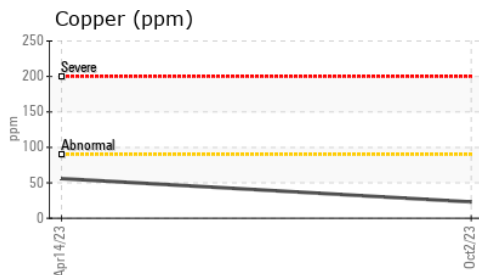
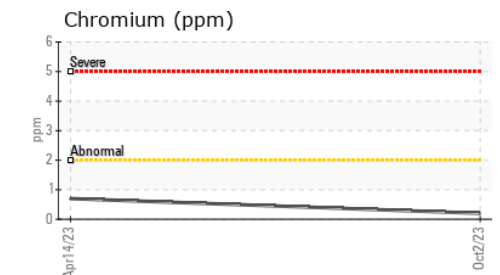
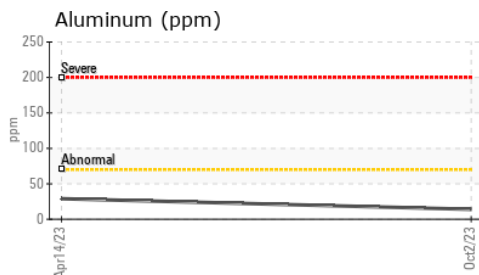
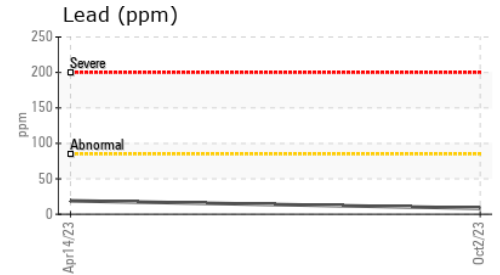
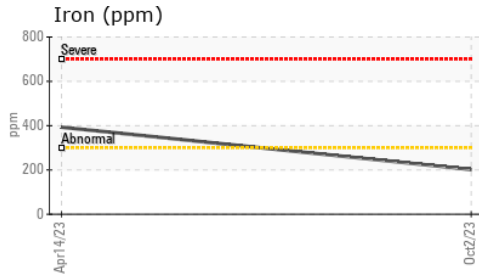


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	<b>33.9</b>	34.1	---

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.** : GFL0097104 **Received** : 12 Oct 2023 4365 boul. St-Elzear Ouest, Laval, QC CA H7P 4J3  
**Lab Number** : 02588679 **Diagnosed** : 12 Oct 2023 Contact: Pieces Laval pieces.laval@gflenv.com  
**Unique Number** : 5657745 **Diagnostician** : Wes Davis T: (450)687-3838  
**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.