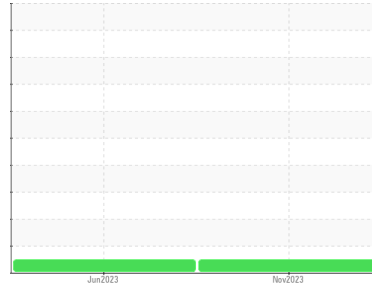




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**913139**  
 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>GFL0097072</b>	GFL0047517	---
Sample Date	Client Info		<b>22 Nov 2023</b>	12 Jun 2023	---
Machine Age	kms	Client Info	<b>1973</b>	22673	---
Oil Age	kms	Client Info	<b>1200</b>	0	---
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	---
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) >220	<b>70</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)	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185(m) >75	<b>33</b>	19	---
Lead	ppm	ASTM D5185(m) >95	<b>8</b>	3	---
Copper	ppm	ASTM D5185(m) >60	<b>22</b>	14	---
Tin	ppm	ASTM D5185(m) >10	<b>5</b>	4	---
Antimony	ppm	ASTM D5185(m) >2	<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

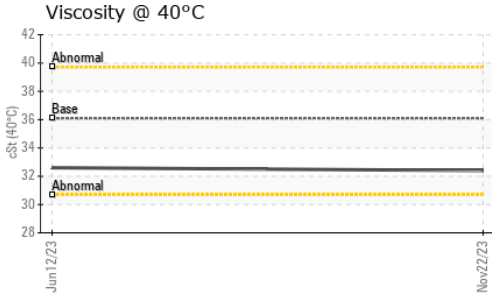
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>47</b>	53	---
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	<1	---
Manganese	ppm	ASTM D5185(m)	<b>&lt;1</b>	1	---
Magnesium	ppm	ASTM D5185(m)	<b>2</b>	<1	---
Calcium	ppm	ASTM D5185(m)	<b>124</b>	133	---
Phosphorus	ppm	ASTM D5185(m)	<b>200</b>	219	---
Zinc	ppm	ASTM D5185(m)	<b>6</b>	5	---
Sulfur	ppm	ASTM D5185(m)	<b>1434</b>	1528	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	<b>6</b>	5	---
Sodium	ppm	ASTM D5185(m)	<b>6</b>	5	---
Potassium	ppm	ASTM D5185(m) >20	<b>3</b>	5	---



# OIL ANALYSIS REPORT



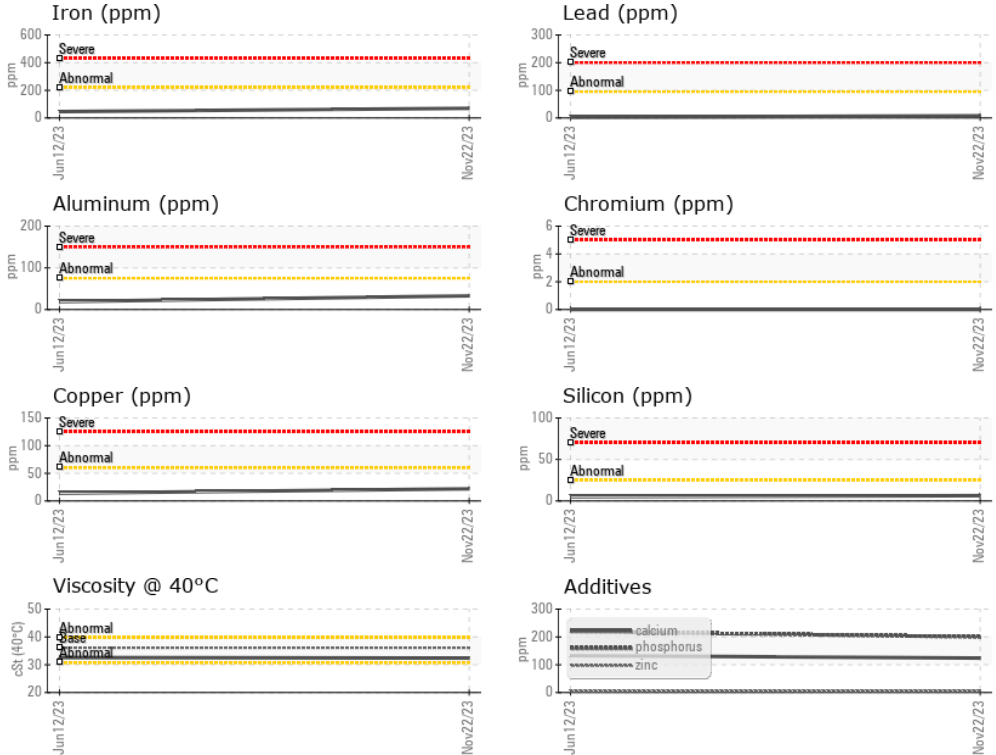
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	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)	36.1	<b>32.4</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 - 780 - GMA - ICI - Solid Waste  
**Sample No.** : GFL0097072 **Received** : 24 Nov 2023  
**Lab Number** : 02598861 **Diagnosed** : 24 Nov 2023  
**Unique Number** : 5683941 **Diagnostician** : Kevin Marson  
**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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