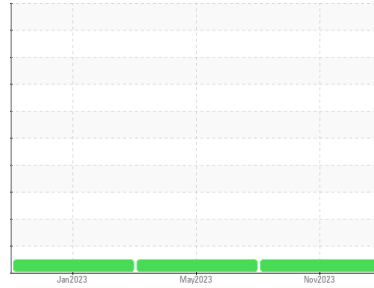




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**713067**

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>GFL0084394</b>	GFL0062122	GFL0062068
Sample Date	Client Info		<b>02 Nov 2023</b>	24 May 2023	10 Jan 2023
Machine Age	kms	Client Info	<b>20275</b>	11938	264
Oil Age	kms	Client Info	<b>0</b>	0	264
Oil Changed	Client Info		<b>Not Changed</b>	Not Changed	N/A
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	<b>42</b>	44	25
Chromium	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m) >50	<b>18</b>	14	5
Lead	ppm	ASTM D5185(m) >50	<b>32</b>	17	3
Copper	ppm	ASTM D5185(m) >225	<b>13</b>	10	4
Tin	ppm	ASTM D5185(m) >10	<b>2</b>	2	<1
Antimony	ppm	ASTM D5185(m)	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>58</b>	90	105
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185(m)	<b>&lt;1</b>	2	1
Magnesium	ppm	ASTM D5185(m)	<b>2</b>	<1	1
Calcium	ppm	ASTM D5185(m)	<b>196</b>	98	77
Phosphorus	ppm	ASTM D5185(m)	<b>236</b>	283	277
Zinc	ppm	ASTM D5185(m)	<b>13</b>	6	5
Sulfur	ppm	ASTM D5185(m)	<b>1104</b>	1189	1153
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	1

## CONTAMINANTS

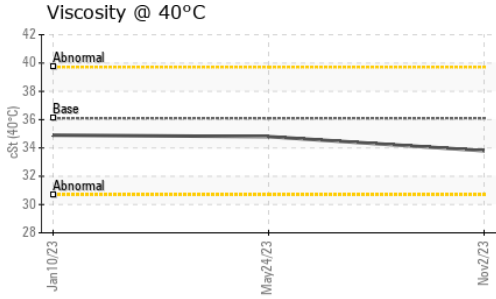
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	<b>4</b>	5	4
Sodium	ppm	ASTM D5185(m)	<b>6</b>	5	4
Potassium	ppm	ASTM D5185(m) >20	<b>3</b>	3	3

## VISUAL

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

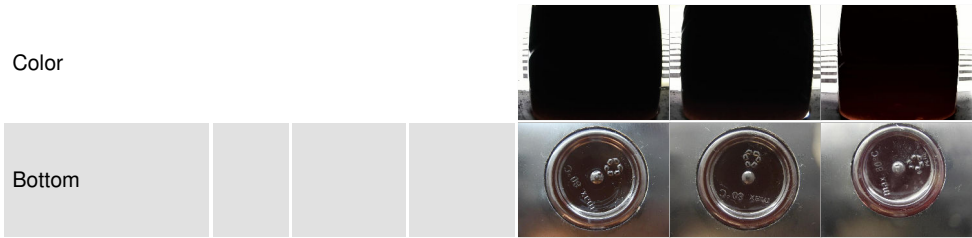


# OIL ANALYSIS REPORT

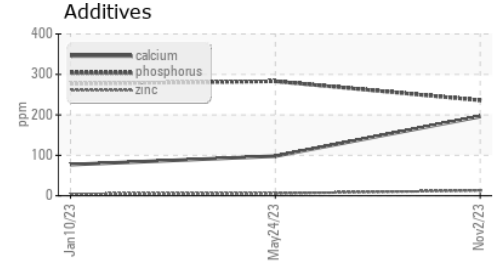
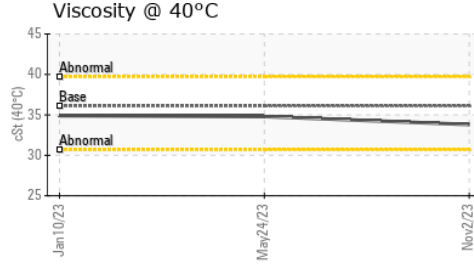
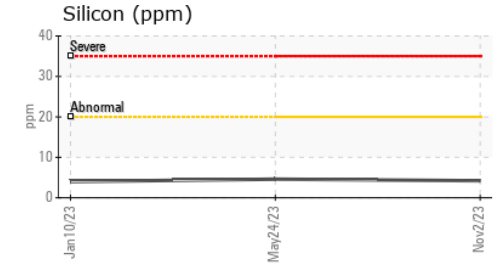
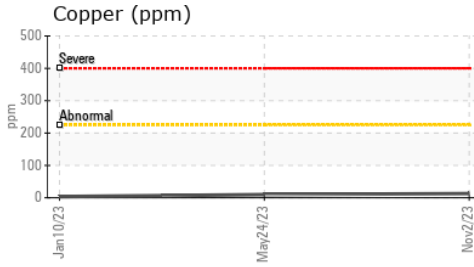
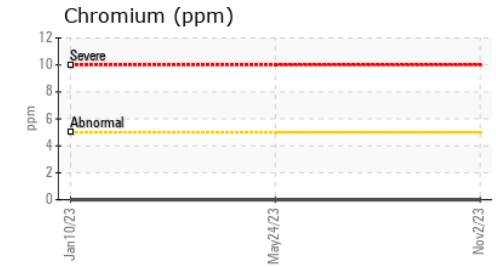
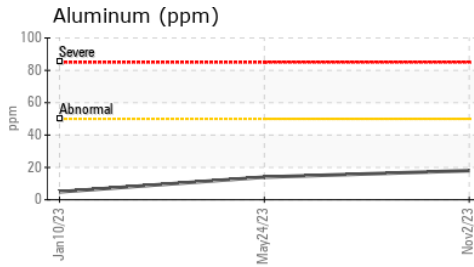
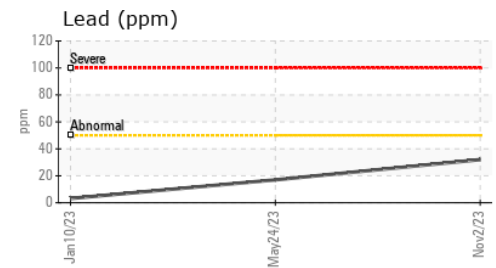
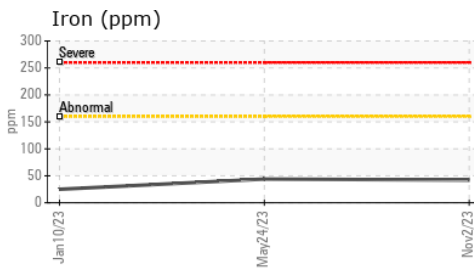


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	<b>33.8</b>	34.8	34.9

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste  
**Sample No.** : GFL0084394 **Received** : 10 Nov 2023 4365 boul. St-Elzear Ouest, Laval, QC CA H7P 4J3  
**Lab Number** : 02595635 **Diagnosed** : 10 Nov 2023  
**Unique Number** : 5672714 **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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