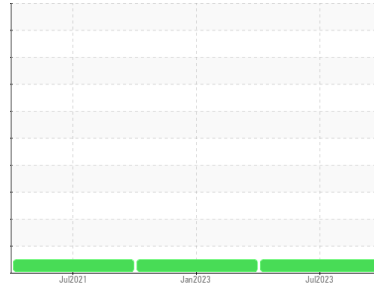




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**711016**

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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

### 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>GFL0084410</b>	GFL0047553	GFL0034597
Sample Date	Client Info		<b>10 Jul 2023</b>	21 Jan 2023	30 Jul 2021
Machine Age	hrs	Client Info	<b>44939</b>	3535	0
Oil Age	hrs	Client Info	<b>1200</b>	2500	0
Oil Changed		Client Info	<b>Not Chngd</b>	N/A	Not Chngd
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	<b>69</b>	52	55
Chromium	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185(m) >5	<b>0</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>29</b>	20	15
Lead	ppm	ASTM D5185(m) >50	<b>21</b>	23	24
Copper	ppm	ASTM D5185(m) >225	<b>31</b>	29	23
Tin	ppm	ASTM D5185(m) >10	<b>3</b>	2	2
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	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>81</b>	88	135
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	0	1
Molybdenum	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	2
Magnesium	ppm	ASTM D5185(m)	<b>2</b>	1	<1
Calcium	ppm	ASTM D5185(m)	<b>115</b>	121	91
Phosphorus	ppm	ASTM D5185(m)	<b>306</b>	317	369
Zinc	ppm	ASTM D5185(m)	<b>6</b>	5	6
Sulfur	ppm	ASTM D5185(m)	<b>2146</b>	2445	1465
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1

## CONTAMINANTS

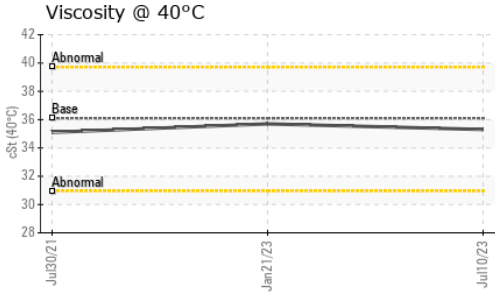
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	<b>8</b>	6	7
Sodium	ppm	ASTM D5185(m)	<b>5</b>	9	8
Potassium	ppm	ASTM D5185(m) >20	<b>1</b>	5	4

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual* NONE	<b>NONE</b>	NONE	VLITE
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>VLITE</b>	NONE	NONE
Sand/Dirt	scalar	Visual* NONE	<b>NONE</b>	NONE	LIGHT
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

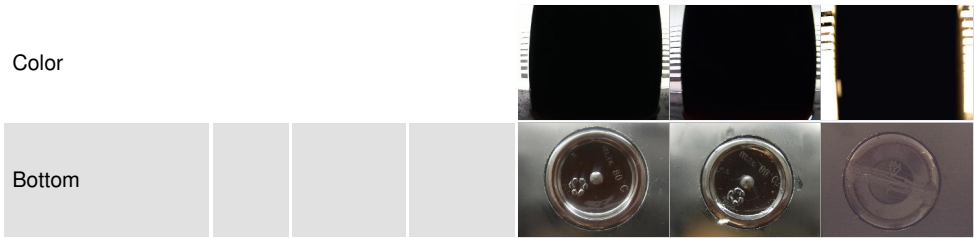


# OIL ANALYSIS REPORT

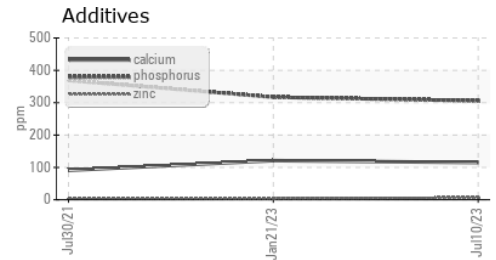
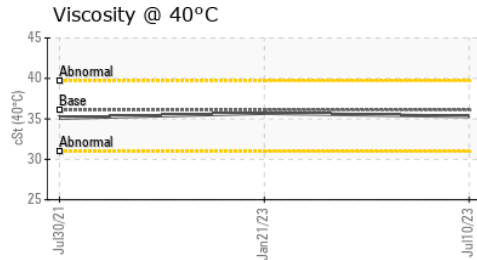
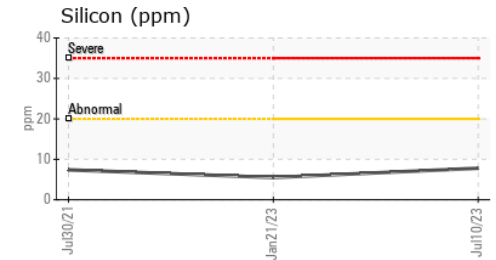
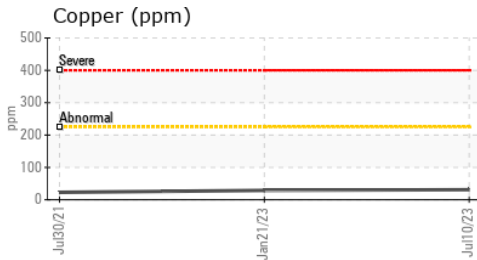
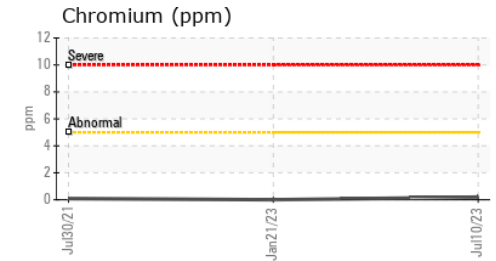
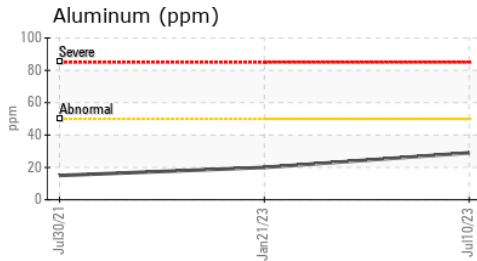
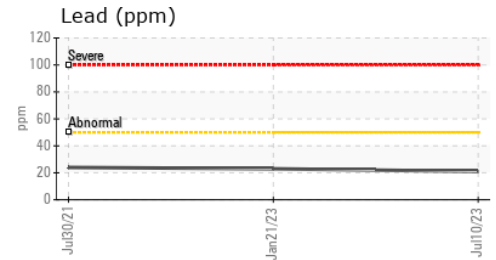
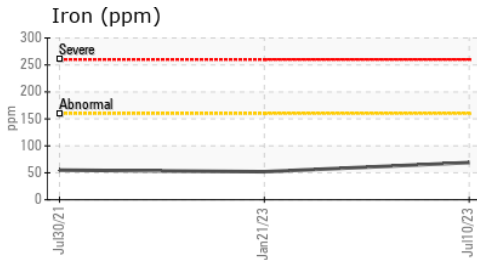


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	<b>35.3</b>	35.7	35.1

SAMPLE IMAGES		method	limit/base	current	history1	history2
---------------	--	--------	------------	---------	----------	----------



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste  
**Sample No.** : GFL0084410 **Received** : 28 Jul 2023  
**Lab Number** : 02573004 **Diagnosed** : 28 Jul 2023  
**Unique Number** : 5618055 **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.

4365 boul. St-Elzear Ouest,  
 Laval, QC  
 CA H7P 4J3  
 Contact: Pieces Laval  
 pieces.laval@gflenv.com  
 T: (450)687-3838  
 F: