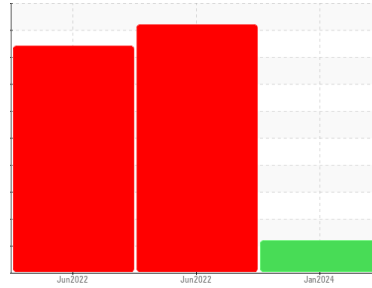




# OIL ANALYSIS REPORT

Sample Rating Trend



GLYCOL



Machine Id  
**7163**

Component  
**Transmission (Auto)**

Fluid  
**PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)**

## DIAGNOSIS

### Recommendation

Vérifier le niveau du fluide de refroidissement. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

### Wear

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

### Contamination

Des produits de traitement de l'eau sont présents, ce qui indique une fuite lente de fluide de refroidissement. Le test de glycol est négatif. 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 (voir recommandation).

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0103753</b>	GFL0028042	GFL0053307
Sample Date	Client Info		<b>15 Jan 2024</b>	30 Jun 2022	08 Jun 2022
Machine Age	hrs	Client Info	<b>17043</b>	13842	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status			<b>ATTENTION</b>	SEVERE	SEVERE

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>300	<b>61</b>	166	220
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>70	<b>44</b>	47	58
Lead	ppm	ASTM D5185(m)	>85	<b>24</b>	17	19
Copper	ppm	ASTM D5185(m)	>90	<b>38</b>	▲ 90	71
Tin	ppm	ASTM D5185(m)	>10	<b>8</b>	4	4
Antimony	ppm	ASTM D5185(m)	>5	<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

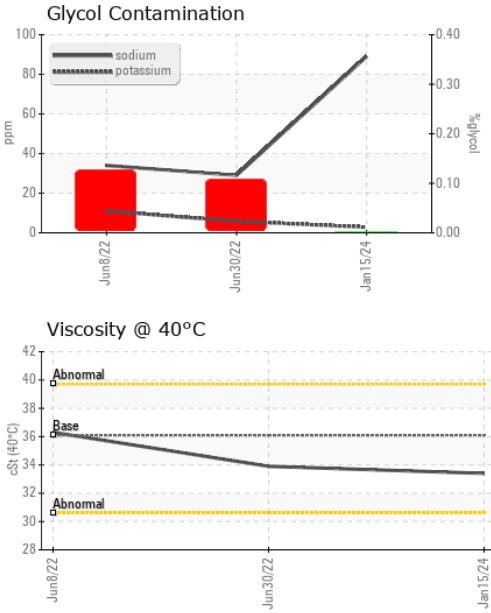
	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)		<b>37</b>	79	86
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	1	1
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	2	2
Magnesium	ppm	ASTM D5185(m)		<b>3</b>	2	<1
Calcium	ppm	ASTM D5185(m)		<b>123</b>	76	57
Phosphorus	ppm	ASTM D5185(m)		<b>188</b>	250	283
Zinc	ppm	ASTM D5185(m)		<b>11</b>	16	15
Sulfur	ppm	ASTM D5185(m)		<b>1339</b>	858	670
Lithium	ppm	ASTM D5185(m)		<b>1</b>	<1	<1

## CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	<b>10</b>	14	14
Sodium	ppm	ASTM D5185(m)		▲ <b>89</b>	▲ 29	▲ 34
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	▲ 6	▲ 11
Glycol	%	ASTM D7922*		<b>0.0</b>	🔴 0.108	🔴 0.127



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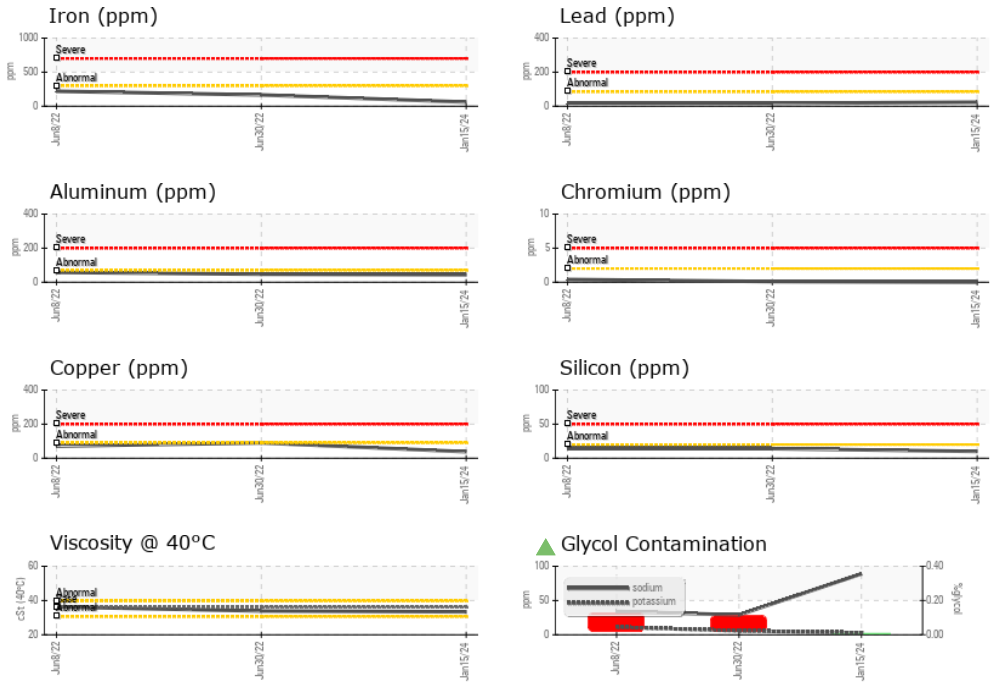


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	33.4	33.9

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste  
**Sample No.** : GFL0103753 **Received** : 18 Jan 2024  
**Lab Number** : 02609724 **Diagnosed** : 22 Jan 2024  
**Unique Number** : 5710810 **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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