



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**8334**

Component  
**2 Differential**

Fluid  
**PETRO CANADA DEXRON LS GEAR OIL 75W90 (--- GAL)**

**RECOMMENDATION**

Confirm the source of the lubricant being utilized for top-up/fill.  
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0110438</b>	GFL0089669	---
Sample Date		Client Info		<b>11 Jan 2024</b>	11 Aug 2023	---
Machine Age	hrs	Client Info		<b>15773</b>	15223	---
Oil Age	hrs	Client Info		<b>15773</b>	15223	---
Filter Age	hrs	Client Info		<b>15773</b>	15223	---
Oil Changed		Client Info		<b>N/A</b>	N/A	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>500	<b>189</b>	173	---
Chromium	ppm	ASTM D5185(m)	>10	<b>2</b>	2	---
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>6</b>	5	---
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	0	---
Copper	ppm	ASTM D5185(m)	>100	<b>1</b>	2	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

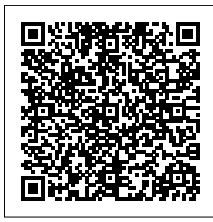
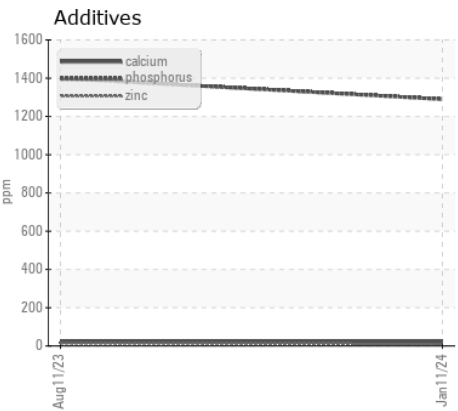
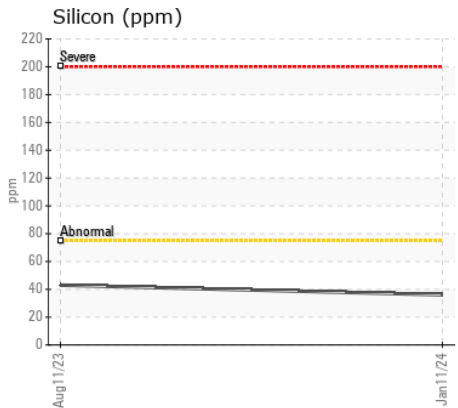
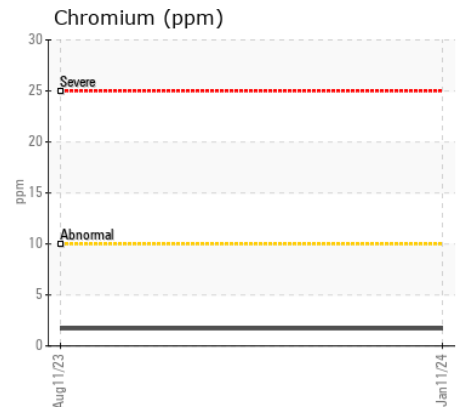
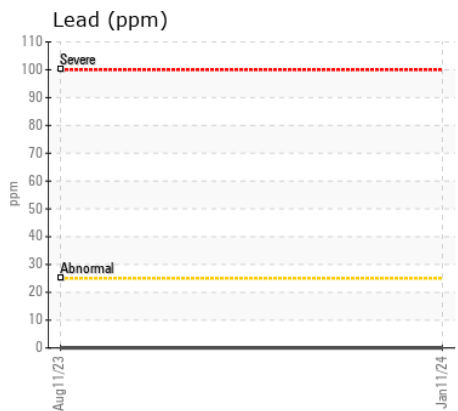
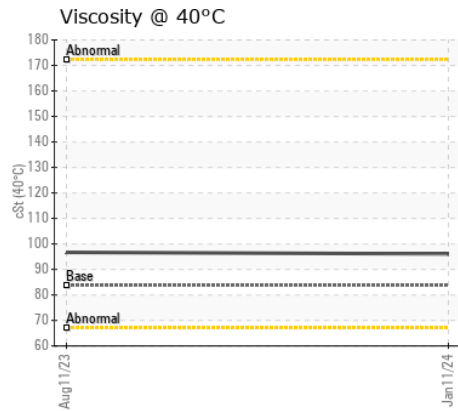
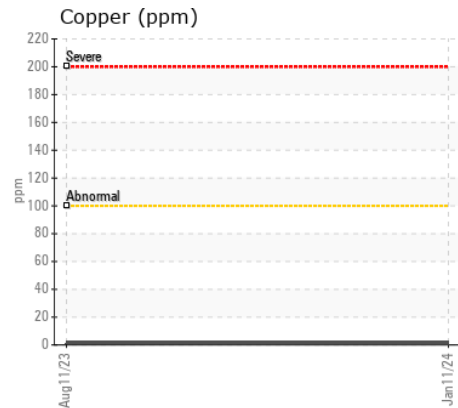
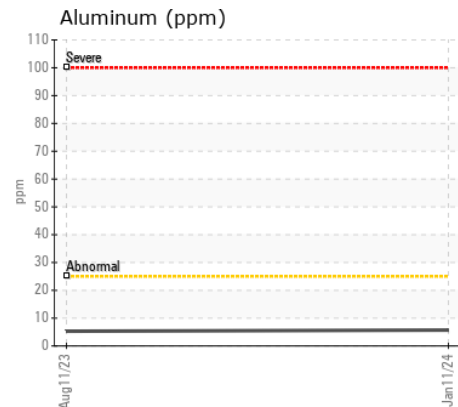
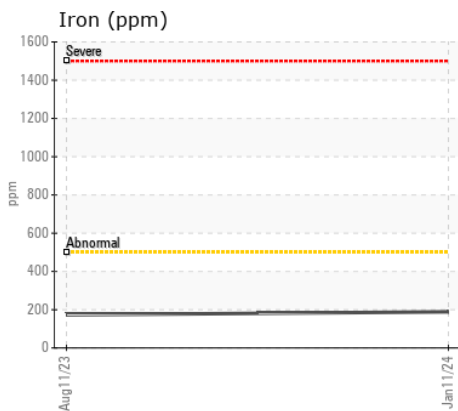
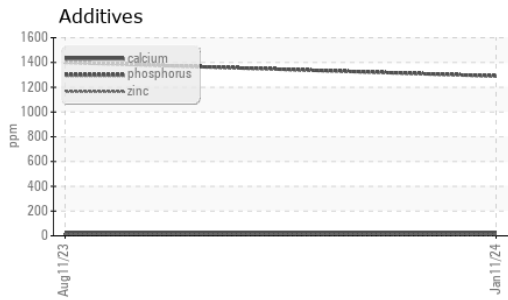
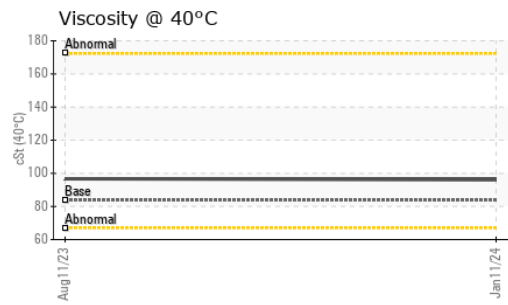
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	<b>36</b>	43	---
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	2	---
Water		WC Method	>.2	<b>NEG</b>	NEG	---
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*	>.2	<b>NEG</b>	NEG	---

**FLUID CONDITION**

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>4</b>	5	---
Boron	ppm	ASTM D5185(m)	71	<b>196</b>	218	---
Barium	ppm	ASTM D5185(m)		<b>5</b>	6	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185(m)	0	<b>5</b>	5	---
Magnesium	ppm	ASTM D5185(m)	0	<b>4</b>	5	---
Calcium	ppm	ASTM D5185(m)	0	<b>21</b>	22	---
Phosphorus	ppm	ASTM D5185(m)	2240	<b>1290</b>	1400	---
Zinc	ppm	ASTM D5185(m)	5	<b>10</b>	13	---
Sulfur	ppm	ASTM D5185(m)	2235	<b>22873</b>	23334	---
Visc @ 40°C	cSt	ASTM D7279(m)	83.75	<b>96.1</b>	96.7	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 732 - Beauce - Hauling - Solid Waste  
**Sample No.** : GFL0110438 **Received** : 18 Jan 2024  
**Lab Number** : 02609744 **Diagnosed** : 18 Jan 2024  
**Unique Number** : 5710830 **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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