



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



Machine Id  
**901088**

Component  
**Front Differential**

Fluid  
**PETRO CANADA TRAXON 75W90 SYNTHETIC (--- GAL)**

**RECOMMENDATION**

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>GFL0107453</b>	GFL0094948	---
Sample Date		Client Info		<b>24 Apr 2024</b>	06 Nov 2023	---
Machine Age	hrs	Client Info		<b>12531</b>	11723	---
Oil Age	hrs	Client Info		<b>12531</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
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)	>1200	<b>237</b>	203	---
Chromium	ppm	ASTM D5185(m)	>8	<b>2</b>	2	---
Nickel	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>30	<b>4</b>	3	---
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	<1	---
Copper	ppm	ASTM D5185(m)	>50	<b>18</b>	18	---
Tin	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

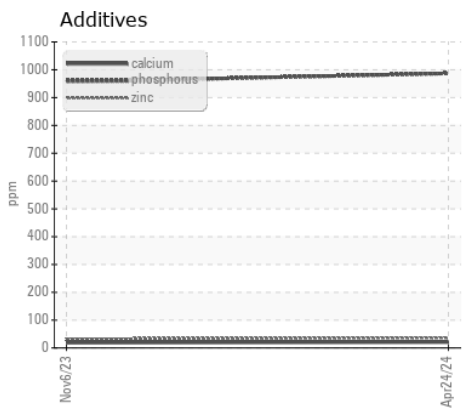
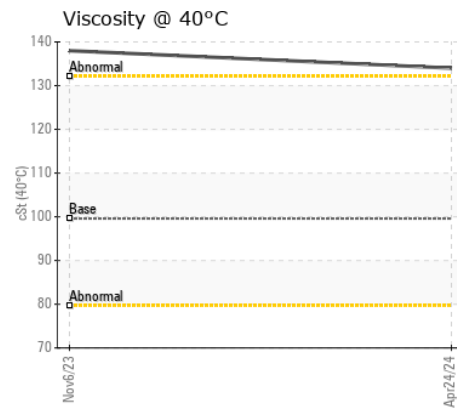
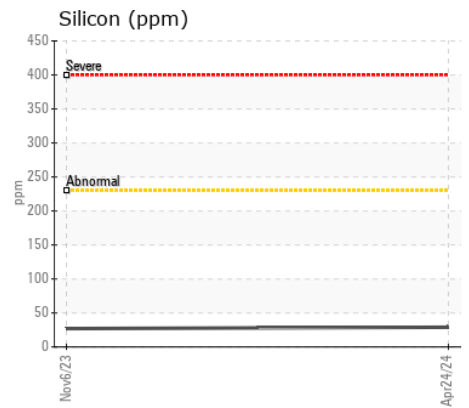
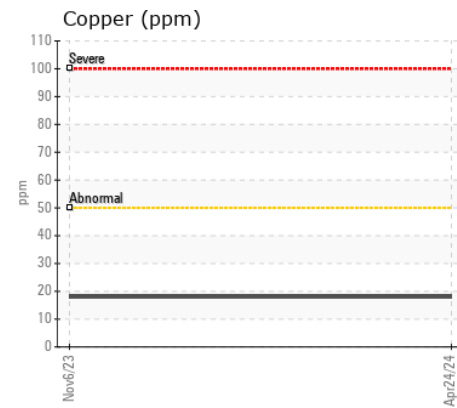
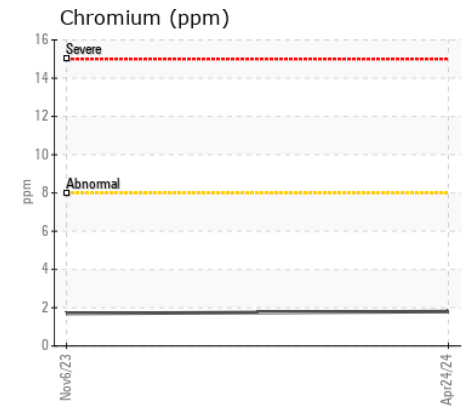
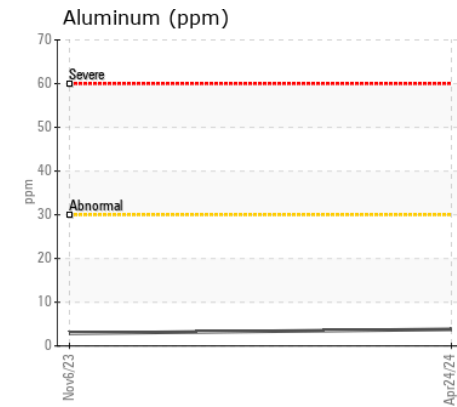
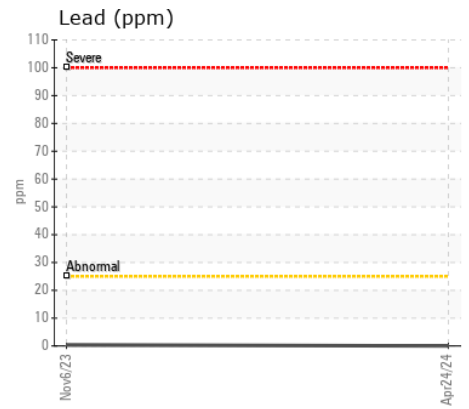
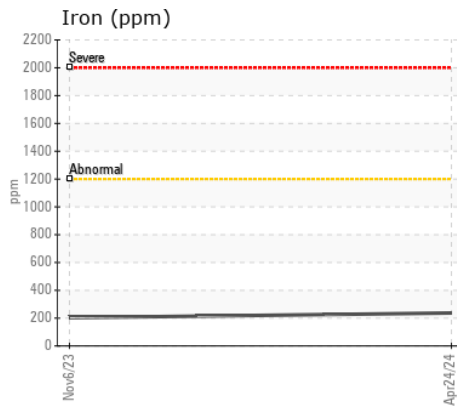
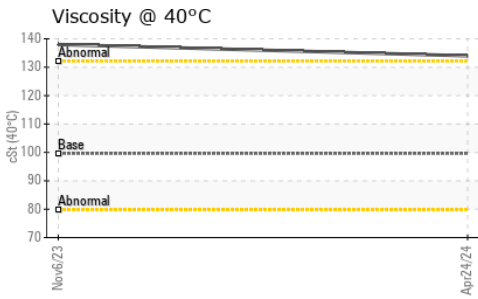
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>230	<b>29</b>	27	---
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	3	---
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>VLITE</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**

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>26</b>	24	---
Boron	ppm	ASTM D5185(m)	328	<b>124</b>	126	---
Barium	ppm	ASTM D5185(m)	1	<b>6</b>	6	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)		<b>53</b>	52	---
Magnesium	ppm	ASTM D5185(m)	1	<b>6</b>	5	---
Calcium	ppm	ASTM D5185(m)	7	<b>21</b>	19	---
Phosphorus	ppm	ASTM D5185(m)	1145	<b>987</b>	956	---
Zinc	ppm	ASTM D5185(m)	3	<b>36</b>	33	---
Sulfur	ppm	ASTM D5185(m)	17909	<b>24167</b>	23737	---
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	<b>134</b>	138	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0107453 **Received** : 29 Apr 2024  
**Lab Number** : 02632021 **Tested** : 29 Apr 2024  
**Unique Number** : 5773174 **Diagnosed** : 29 Apr 2024 - Wes Davis  
**Test Package** : MOB 1

**GFL Environmental - 772**  
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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.