



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
8334

Component
1 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		GFL0110437	GFL0089670	---
Sample Date		Client Info		11 Jan 2024	11 Aug 2023	---
Machine Age	hrs	Client Info		15773	15223	---
Oil Age	hrs	Client Info		15773	15223	---
Filter Age	hrs	Client Info		15773	15223	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>500	355	341	---
Chromium	ppm	ASTM D5185(m)	>10	2	2	---
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	2	2	---
Lead	ppm	ASTM D5185(m)	>25	<1	1	---
Copper	ppm	ASTM D5185(m)	>100	40	57	---
Tin	ppm	ASTM D5185(m)	>10	1	1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	VLITE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

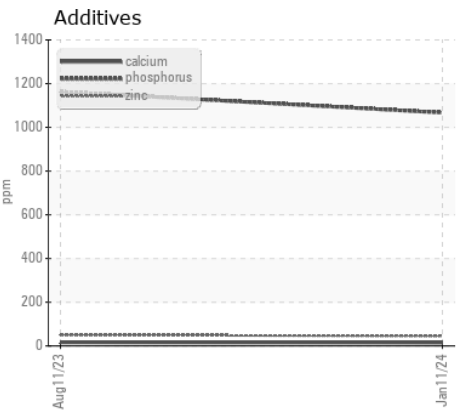
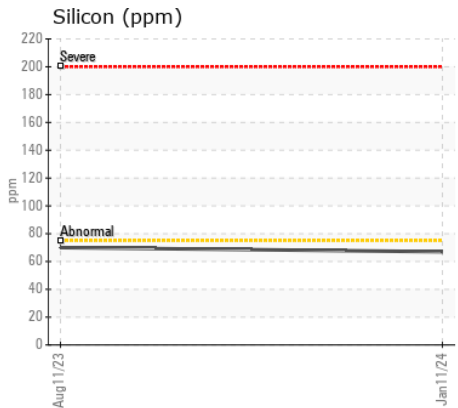
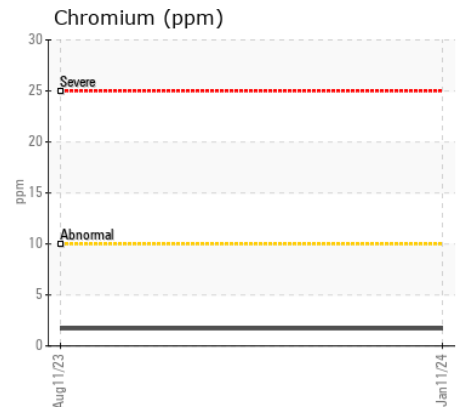
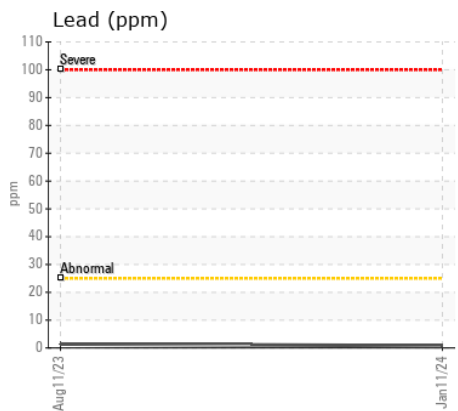
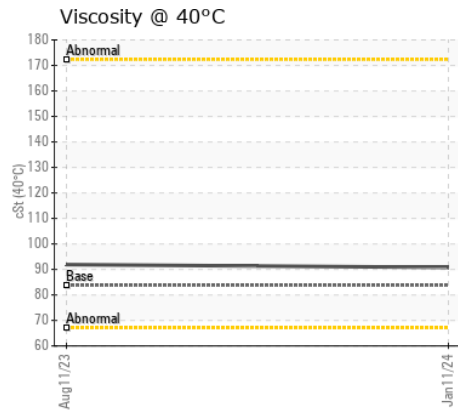
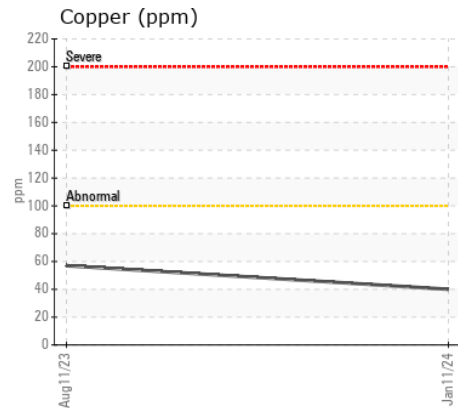
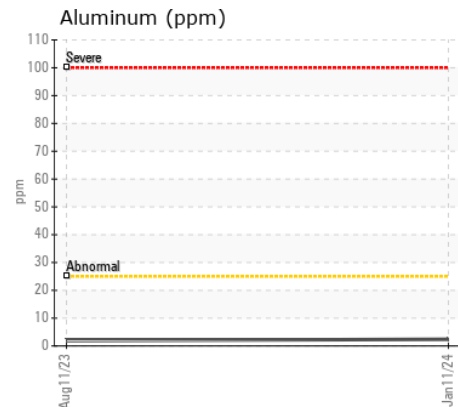
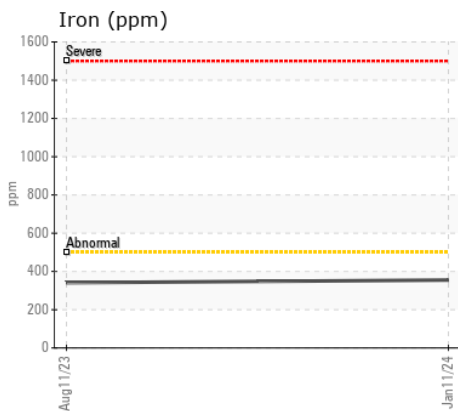
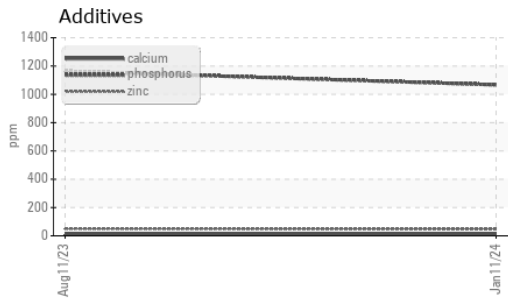
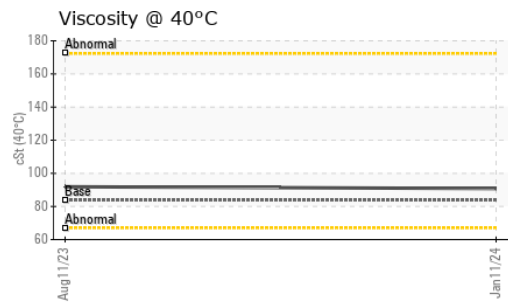
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	67	70	---
Potassium	ppm	ASTM D5185(m)	>20	3	2	---
Water		WC Method	>.2	NEG	NEG	---
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*	>.2	NEG	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)		8	8	---
Boron	ppm	ASTM D5185(m)	71	126	136	---
Barium	ppm	ASTM D5185(m)		3	4	---
Molybdenum	ppm	ASTM D5185(m)		0	<1	---
Manganese	ppm	ASTM D5185(m)	0	32	32	---
Magnesium	ppm	ASTM D5185(m)	0	4	4	---
Calcium	ppm	ASTM D5185(m)	0	15	16	---
Phosphorus	ppm	ASTM D5185(m)	2240	1067	1163	---
Zinc	ppm	ASTM D5185(m)	5	46	50	---
Sulfur	ppm	ASTM D5185(m)	2235	19871	19988	---
Visc @ 40°C	cSt	ASTM D7279(m)	83.75	90.8	91.9	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 732 - Beauce - Hauling - Solid Waste
Sample No. : GFL0110437 **Recieved** : 18 Jan 2024 139, 181 Street, Beauceville, QC CA G5X 2S9
Lab Number : 02609741 **Diagnosed** : 18 Jan 2024
Unique Number : 5710827 **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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