



Identité de la machine

**919008**

Composant

**Moteur diesel**

Fluide

**PETRO CANADA 10W30 (--- GAL)**

**RECOMMANDATION**

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>GFL0094588</b>	GFL0081341	GFL0070811
Date d'échant.		Client Info		<b>12 Oct 2023</b>	03 Aug 2023	13 Apr 2023
Âge d la Machine	hrs	Client Info		<b>0</b>	0	0
Âge de l'huile	hrs	Client Info		<b>600</b>	600	600
Âge du filtre	hrs	Client Info		<b>0</b>	0	600
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

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

Fer	ppm	ASTM D5185(m)	>120	<b>11</b>	17	13
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	4	8
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	2	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	1	<1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

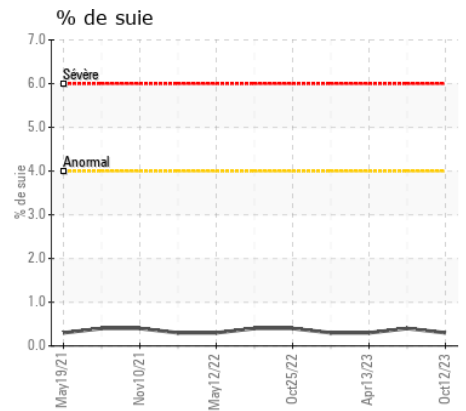
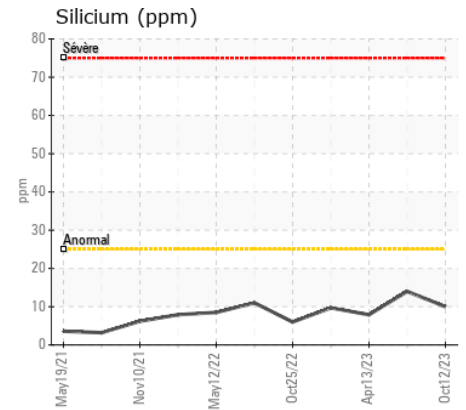
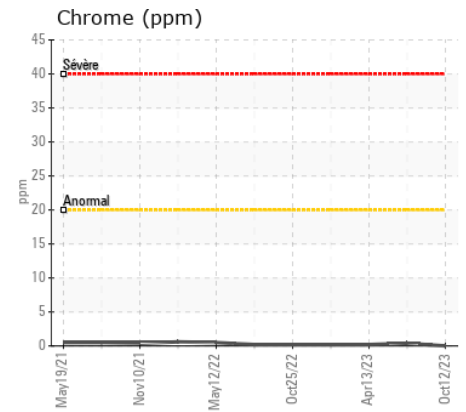
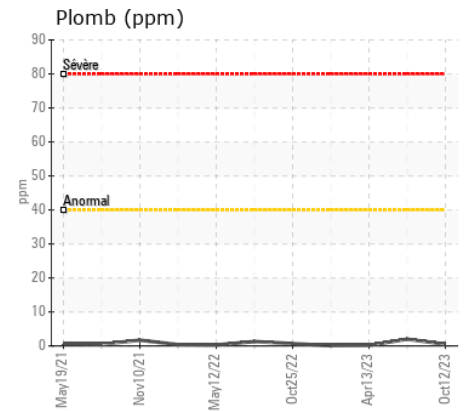
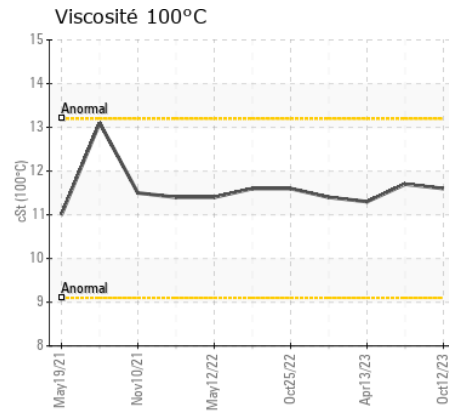
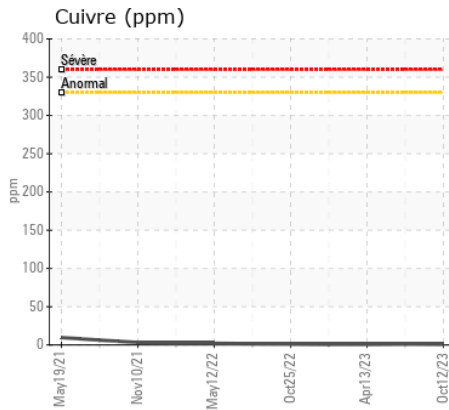
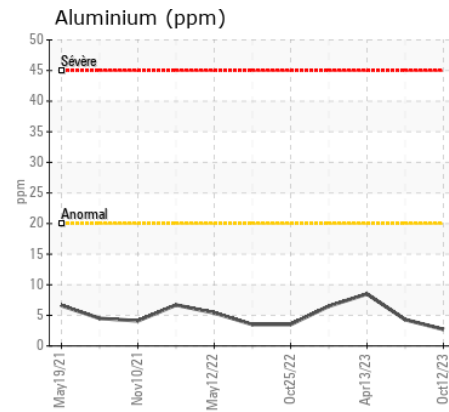
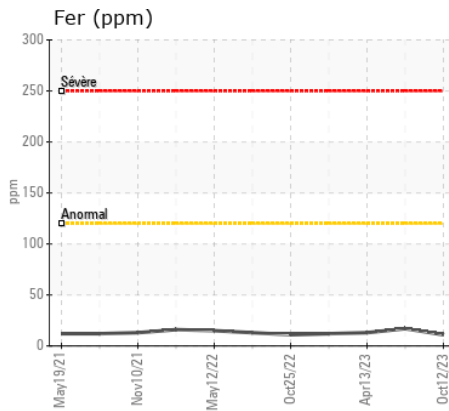
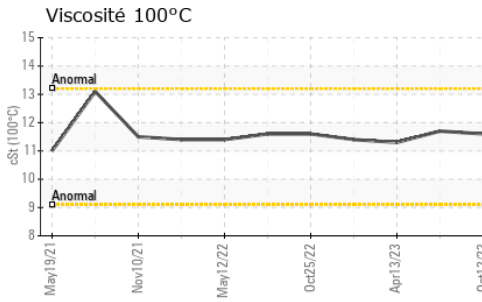
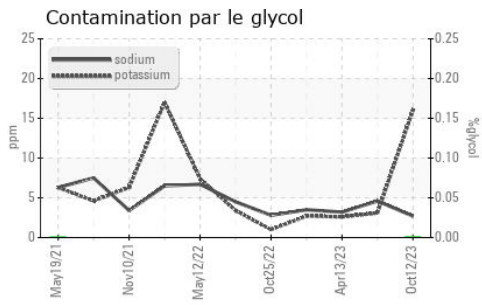
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>10</b>	14	8
Potassium	ppm	ASTM D5185(m)	>20	<b>16</b>	3	3
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Glycol	%	ASTM D7922*		<b>0.0</b>	NEG	NEG
% de suie	%	ASTM D7844*	>4	<b>0.3</b>	0.4	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.3</b>	8.7	9.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.2</b>	22.3	21.5
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

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

Sodium	ppm	ASTM D5185(m)		<b>3</b>	5	3
Bore	ppm	ASTM D5185(m)		<b>29</b>	19	33
Baryum	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)		<b>&lt;1</b>	1	8
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)		<b>735</b>	763	751
Calcium	ppm	ASTM D5185(m)		<b>1339</b>	1398	1389
Phosphore	ppm	ASTM D5185(m)		<b>700</b>	750	765
Zinc	ppm	ASTM D5185(m)		<b>789</b>	813	791
Soufre	ppm	ASTM D5185(m)		<b>2408</b>	2473	2558
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.3</b>	14.6	15.2
Visc 100°C	cSt	ASTM D7279(m)		<b>11.6</b>	11.7	11.3



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 736 - Trois-Rivieres  
**N° d'échantillon** : GFL0094588 **Reçu** : 16 Oct 2023 2920 Bellefeuille,  
**N° de laboratoire** : 02589217 **Diagnostiqué** : 16 Oct 2023 Trois-Rivieres, QC  
**Numéro unique** : 5658283 **Diagnostiqueur** : Kevin Marson CA G9A 5R5  
**Analyse** : MOB 1 ( Additional Tests: Glycol, Visual )  
 Contact: Jean Demontigny  
 Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131. jdemontigny@matrec.ca  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (819)378-4881  
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: