



Identité de la machine

**811027**

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>GFL0094591</b>	GFL0081337	GFL0070814
Date d'échant.		Client Info		<b>25 Sep 2023</b>	08 Aug 2023	03 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	0
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Not Changd</b>	N/A	Not Changd
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)	>80	<b>13</b>	27	19
Chrome	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>30	<b>5</b>	10	6
Plomb	ppm	ASTM D5185(m)	>30	<b>0</b>	0	0
Cuivre	ppm	ASTM D5185(m)	>150	<b>1</b>	2	<1
Étain	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

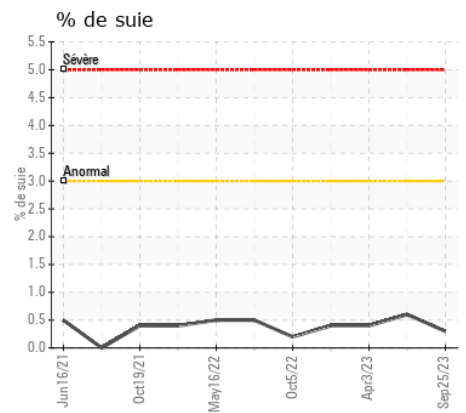
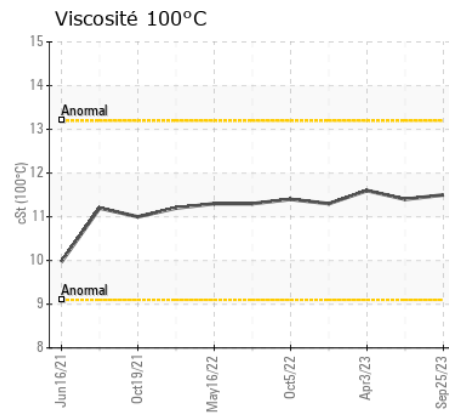
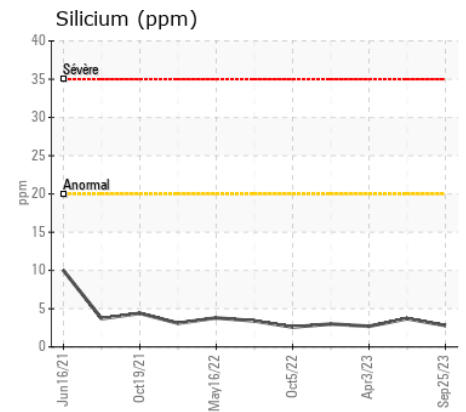
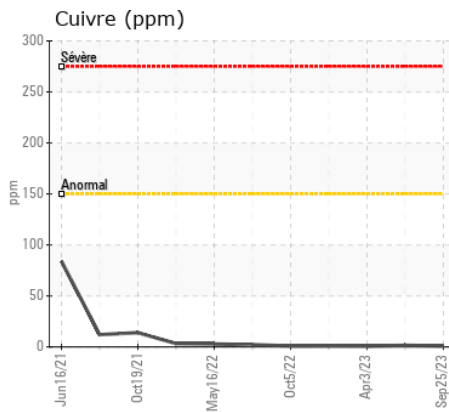
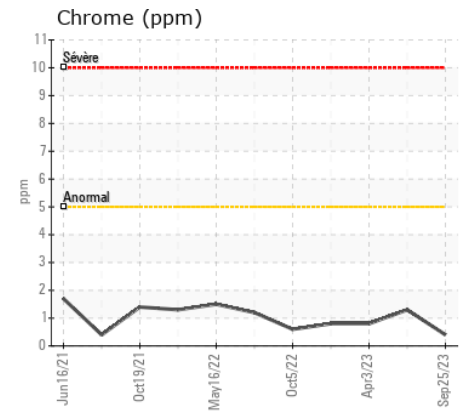
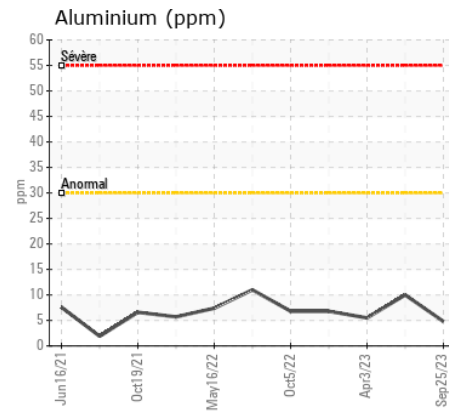
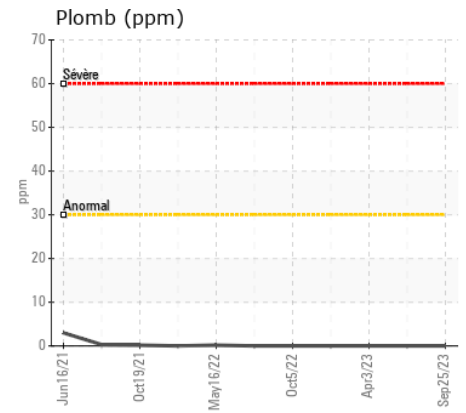
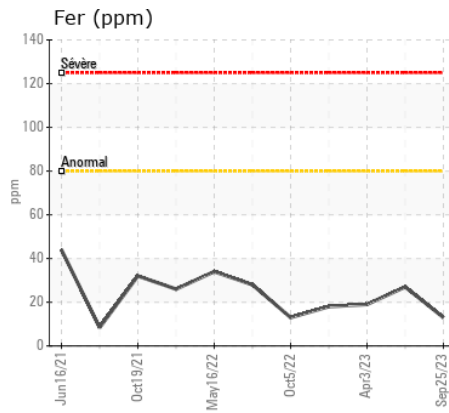
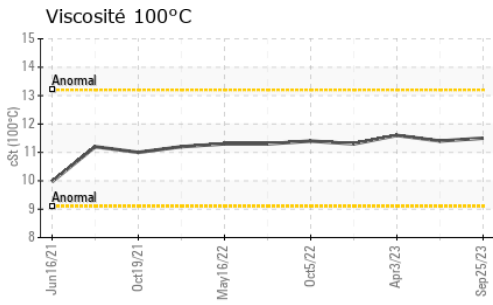
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	<b>3</b>	4	3
Potassium	ppm	ASTM D5185(m)	>20	<b>12</b>	16	0
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.3</b>	0.6	0.4
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.2</b>	8.8	8.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.8</b>	21.4	22.3
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>	1	1
Bore	ppm	ASTM D5185(m)		<b>4</b>	4	4
Baryum	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)		<b>60</b>	69	62
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)		<b>963</b>	1053	1001
Calcium	ppm	ASTM D5185(m)		<b>1052</b>	1215	1141
Phosphore	ppm	ASTM D5185(m)		<b>973</b>	1088	1105
Zinc	ppm	ASTM D5185(m)		<b>1144</b>	1254	1230
Soufre	ppm	ASTM D5185(m)		<b>2459</b>	2445	2714
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.9</b>	15.8	15.7
Visc 100°C	cSt	ASTM D7279(m)		<b>11.5</b>	11.4	11.6



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 736 - Trois-Rivieres  
**N° d'échantillon** : GFL0094591 **Reçu** : 28 Sep 2023  
**N° de laboratoire** : 02585833 **Diagnostiqué** : 28 Sep 2023  
**Numéro unique** : 5654899 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

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