



Identité de la machine

**813041**

Composant

**Moteur diesel**

Fluid

**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>GFL0093654</b>	GFL0089033	GFL0070521
Date d'échant.		Client Info		<b>21 Feb 2024</b>	01 Sep 2023	06 Feb 2023
Âge d la Machine	hrs	Client Info		<b>2616</b>	1722	553
Âge de l'huile	hrs	Client Info		<b>0</b>	600	553
Âge du filtre	hrs	Client Info		<b>0</b>	600	553
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Changed</b>	Changed	Changed
Statut de l'échant.				<b>NORMAL</b>	ABNORMAL	ABNORMAL

**USURE**

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

Fer	ppm	ASTM D5185(m)	>80	<b>16</b>	35	136
Chrome	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	2	4
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>	15	25
Plomb	ppm	ASTM D5185(m)	>30	<b>0</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>150	<b>1</b>	4	32
Étain	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	3
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

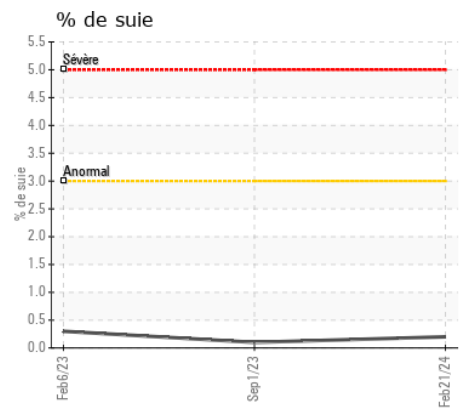
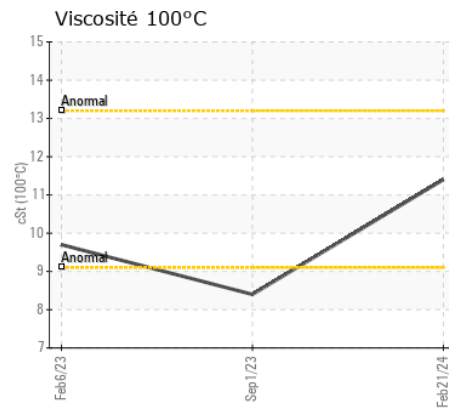
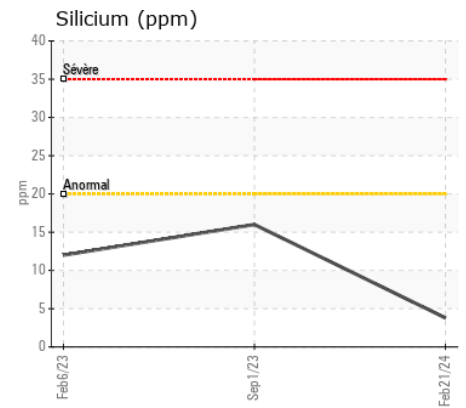
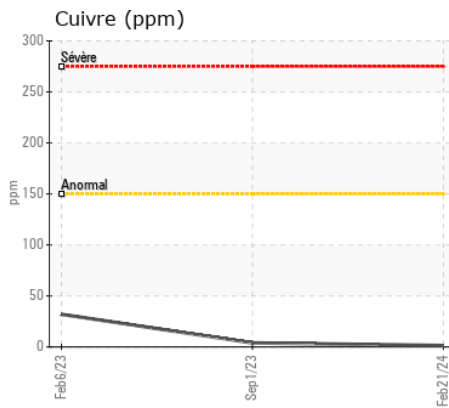
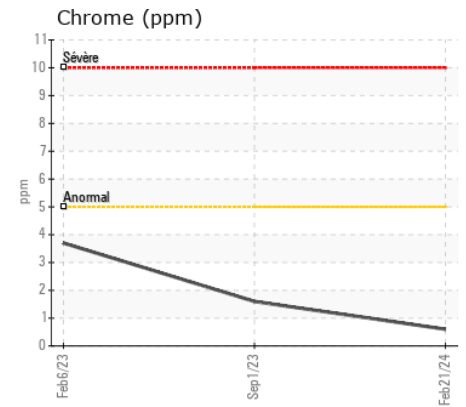
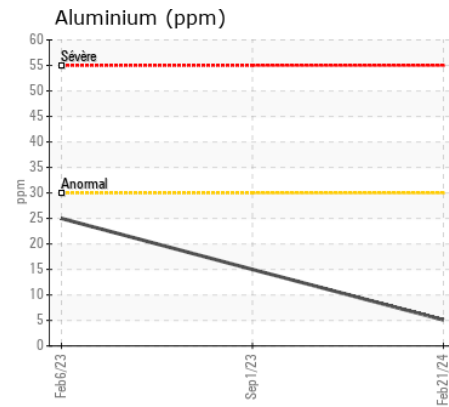
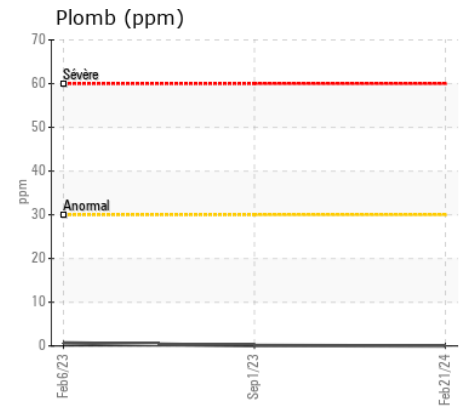
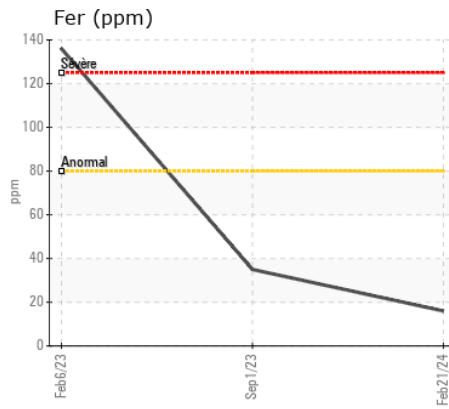
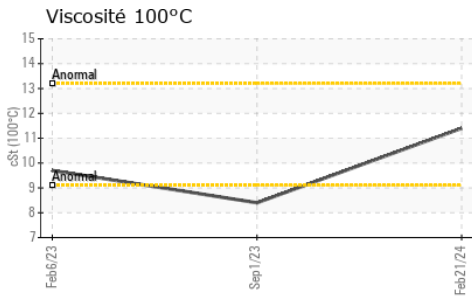
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	<b>4</b>	16	12
Potassium	ppm	ASTM D5185(m)	>20	<b>11</b>	30	96
Essence		WC Method	>5	<b>&lt;1.0</b>	1.1	0.7
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	0.0	NEG
% de suie	%	ASTM D7844*	>3	<b>0.2</b>	0.1	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.3</b>	5.7	9.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.6</b>	25.1	25.4
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>2</b>	11	9
Bore	ppm	ASTM D5185(m)		<b>51</b>	20	37
Baryum	ppm	ASTM D5185(m)		<b>0</b>	1	0
Molybdène	ppm	ASTM D5185(m)		<b>10</b>	21	43
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	12
Magnésium	ppm	ASTM D5185(m)		<b>742</b>	323	558
Calcium	ppm	ASTM D5185(m)		<b>1344</b>	682	1747
Phosphore	ppm	ASTM D5185(m)		<b>763</b>	712	837
Zinc	ppm	ASTM D5185(m)		<b>837</b>	680	940
Soufre	ppm	ASTM D5185(m)		<b>2634</b>	2499	2064
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.0</b>	22.6	21.9
Visc 100°C	cSt	ASTM D7279(m)		<b>11.4</b>	▲ 8.4	▲ 9.7



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : GFL0093654  
**N° de laboratoire** : 02620755  
**Numéro unique** : 5737865  
**Analyse** : MOB 1  
**Reçu** : 08 Mar 2024  
**Tested** : 08 Mar 2024  
**Diagnostiqué** : 08 Mar 2024 - Wes Davis

**GFL Environmental - 769 - Drummondville CD**  
 1005 rue Rhea  
 Drummondville, QC  
 CA J2B 8A9  
 Contact: Service Manager

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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