



Identité de la machine

**813079**

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>PC0077614</b>	PC0075502	---
Date d'échant.		Client Info		<b>19 Oct 2023</b>	17 Aug 2023	---
Âge d la Machine	kms	Client Info		<b>40624</b>	31245	---
Âge de l'huile	kms	Client Info		<b>0</b>	0	---
Âge du filtre	kms	Client Info		<b>0</b>	0	---
Huile changée		Client Info		<b>Changed</b>	N/A	---
Filtre changé		Client Info		<b>Changed</b>	N/A	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

**USURE**

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>80	<b>12</b>	17	---
Chrome	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>30	<b>11</b>	4	---
Plomb	ppm	ASTM D5185(m)	>30	<b>0</b>	0	---
Cuivre	ppm	ASTM D5185(m)	>150	<b>1</b>	1	---
Étain	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

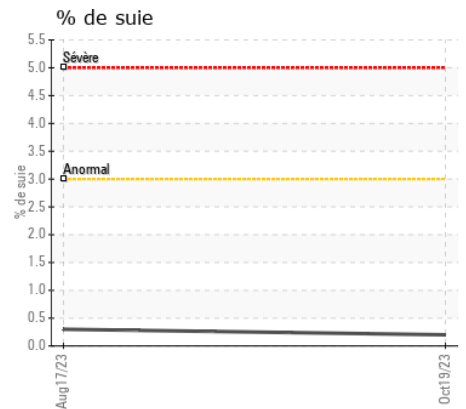
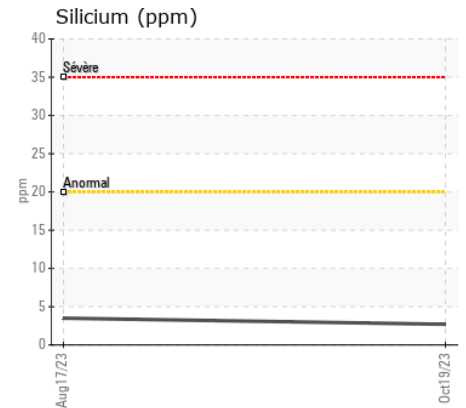
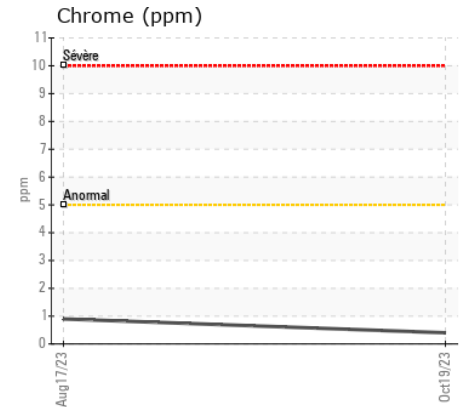
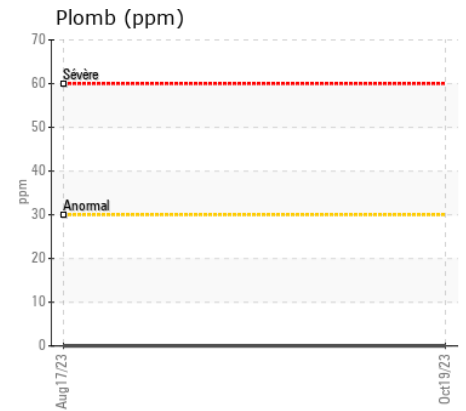
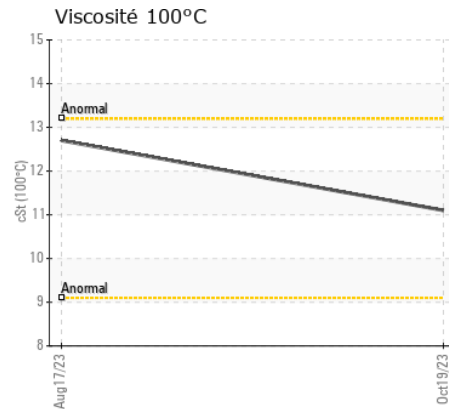
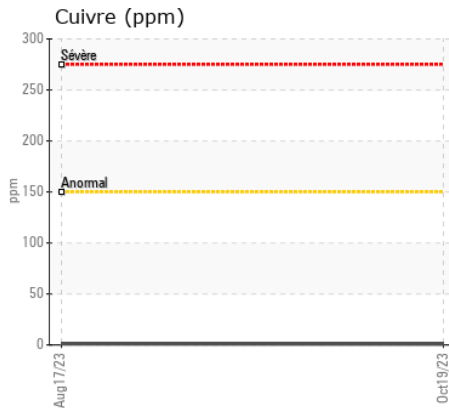
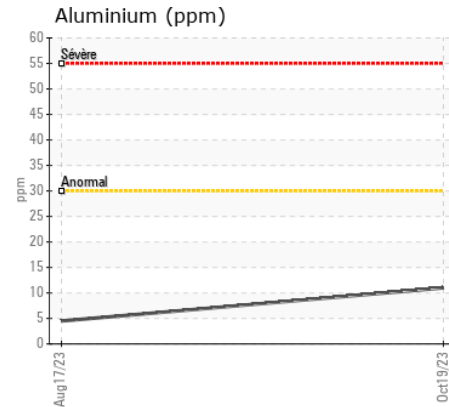
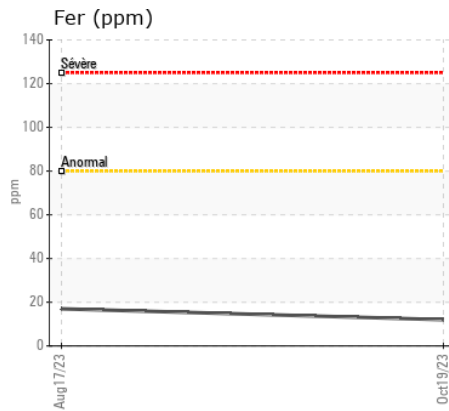
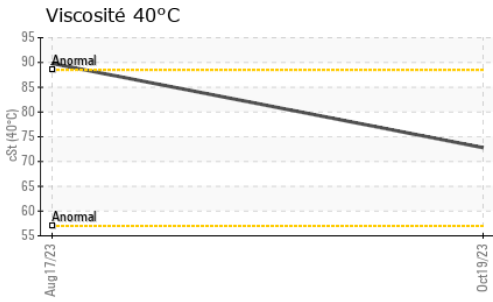
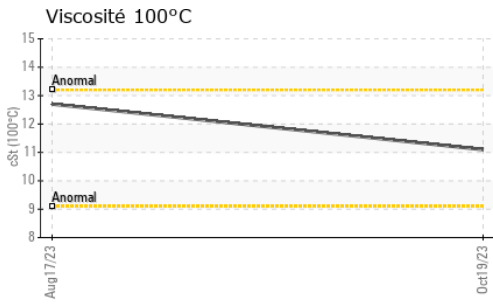
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	<b>3</b>	4	---
Potassium	ppm	ASTM D5185(m)	>20	<b>31</b>	14	---
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>3	<b>0.2</b>	0.3	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.1</b>	8.2	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.1</b>	20.9	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**ÉTAT DU FLUIDE**

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

Sodium	ppm	ASTM D5185(m)		<b>2</b>	2	---
Bore	ppm	ASTM D5185(m)		<b>6</b>	7	---
Baryum	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Molybdène	ppm	ASTM D5185(m)		<b>61</b>	61	---
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnésium	ppm	ASTM D5185(m)		<b>972</b>	994	---
Calcium	ppm	ASTM D5185(m)		<b>1080</b>	1067	---
Phosphore	ppm	ASTM D5185(m)		<b>1001</b>	1041	---
Zinc	ppm	ASTM D5185(m)		<b>1198</b>	1207	---
Soufre	ppm	ASTM D5185(m)		<b>2468</b>	2442	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.9</b>	15.8	---
Visc 40°C	cSt	ASTM D7279(m)		<b>72.8</b>	89.8	---
Visc 100°C	cSt	ASTM D7279(m)		<b>11.1</b>	12.7	---
Indice de viscosité (VI)	Scale	ASTM D2270*		<b>143</b>	138	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling  
**N° d'échantillon** : PC0077614 **Reçu** : 23 Oct 2023  
**N° de laboratoire** : 02590903 **Diagnostiqué** : 23 Oct 2023  
**Numéro unique** : 5667982 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

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CA G2E 5G8  
Contact: Dave Beaulieu  
davebeaulieu@matrec.ca

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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F: