



USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Identité de la machine

**516000**

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>PC0081891</b>	PC0078538	PC0067442
Date d'échant.		Client Info		<b>23 Nov 2023</b>	19 Sep 2023	14 Mar 2023
Âge d la Machine	kms	Client Info		<b>987365</b>	965521	896077
Âge de l'huile	kms	Client Info		<b>0</b>	0	0
Âge du filtre	kms	Client Info		<b>0</b>	0	0
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	NORMAL

**USURE**

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

Fer	ppm	ASTM D5185(m)	>80	<b>28</b>	63	10
Chrome	ppm	ASTM D5185(m)	>5	<b>2</b>	4	1
Nickel	ppm	ASTM D5185(m)	>2	<b>1</b>	1	1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>30	<b>13</b>	▲ 33	4
Plomb	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	<1	0
Cuivre	ppm	ASTM D5185(m)	>150	<b>8</b>	10	3
Étain	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

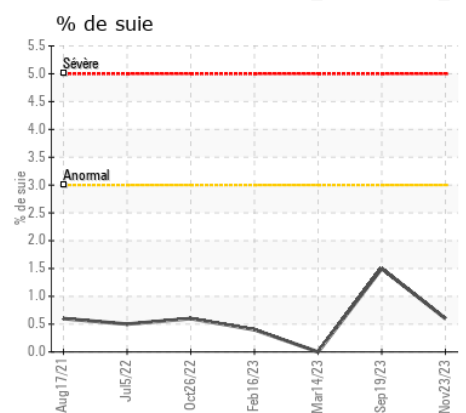
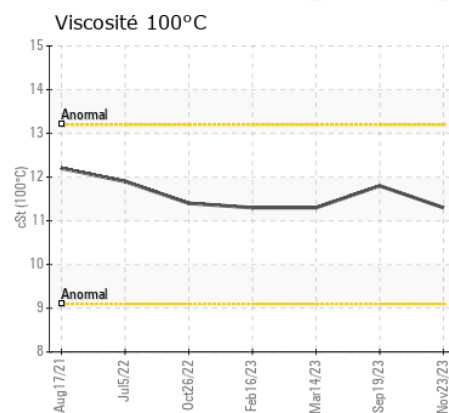
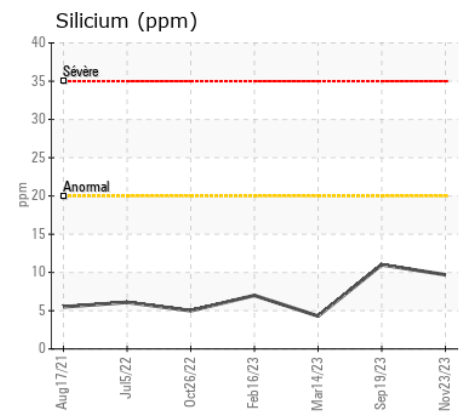
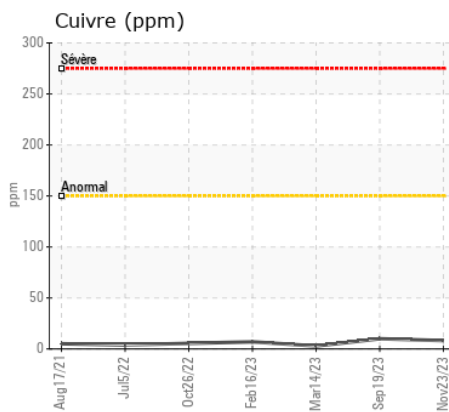
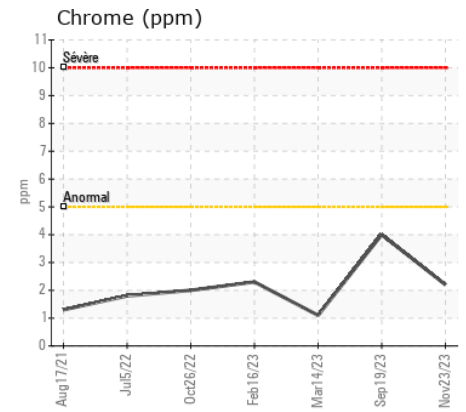
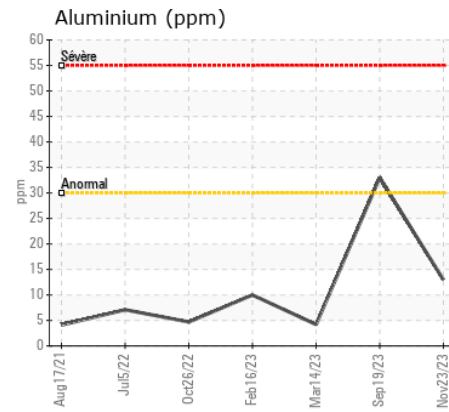
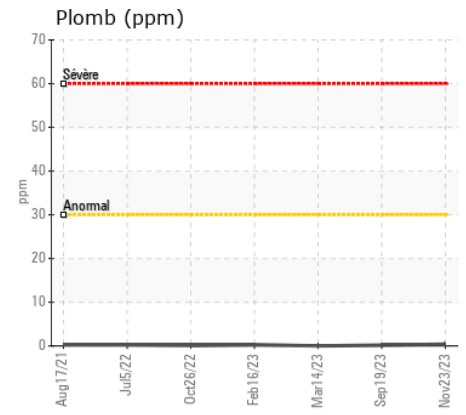
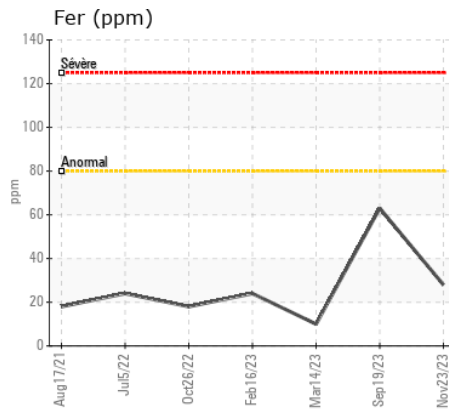
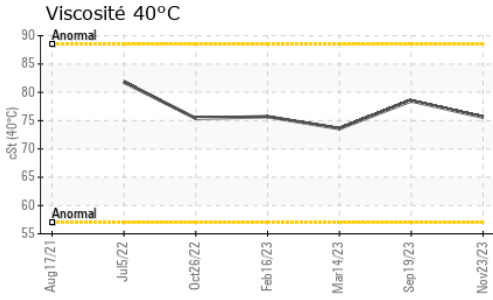
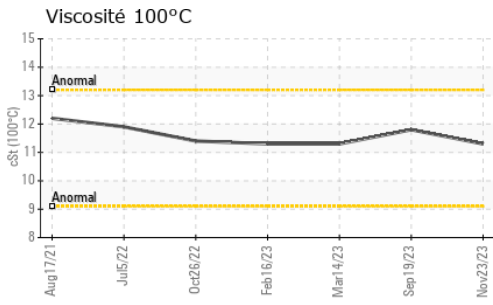
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	<b>10</b>	11	4
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	0	0
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.6</b>	1.5	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.8</b>	11.9	6.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.8</b>	26.0	21.0
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Débris	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
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>2</b>	4	2
Bore	ppm	ASTM D5185(m)		<b>4</b>	2	7
Baryum	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)		<b>62</b>	62	58
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)		<b>986</b>	1009	932
Calcium	ppm	ASTM D5185(m)		<b>1100</b>	1123	1099
Phosphore	ppm	ASTM D5185(m)		<b>986</b>	1075	1062
Zinc	ppm	ASTM D5185(m)		<b>1217</b>	1258	1158
Soufre	ppm	ASTM D5185(m)		<b>2317</b>	2158	2576
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.8</b>	21.2	14.4
Visc 40°C	cSt	ASTM D7279(m)		<b>75.6</b>	78.5	73.6
Visc 100°C	cSt	ASTM D7279(m)		<b>11.3</b>	11.8	11.3
Indice de viscosité (VI)	Scale	ASTM D2270*		<b>140</b>	144	145



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling  
**N° d'échantillon** : PC0081891 **Reçu** : 27 Nov 2023  
**N° de laboratoire** : 02598968 **Diagnostiqué** : 27 Nov 2023  
**Numéro unique** : 5684048 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

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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