



# RAPPORT D'ANALYSE D'HUILE

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



Secteur

**[406361]**

Identité de la machine

**931044**

Composant

**Moteur à gaz naturel**

Fluide

**PETRO CANADA DURON GEO LD 15W40 (--- 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>CU0021565</b>	PC0067970	---
Date d'échant.		Client Info		<b>23 Oct 2023</b>	03 May 2023	---
Âge d la Machine	kms	Client Info		<b>0</b>	50067	---
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>N/A</b>	N/A	---
Filtre changé		Client Info		<b>N/A</b>	N/A	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

## USURE

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

Fer	ppm	ASTM D5185(m)	>50	<b>28</b>	49	---
Chrome	ppm	ASTM D5185(m)	>5	<b>2</b>	4	---
Nickel	ppm	ASTM D5185(m)	>4	<b>1</b>	2	---
Titane	ppm	ASTM D5185(m)	>5	<b>0</b>	2	---
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>25	<b>17</b>	24	---
Plomb	ppm	ASTM D5185(m)	>40	<b>4</b>	3	---
Cuivre	ppm	ASTM D5185(m)	>150	<b>3</b>	6	---
Étain	ppm	ASTM D5185(m)	>4	<b>2</b>	2	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

## CONTAMINATION

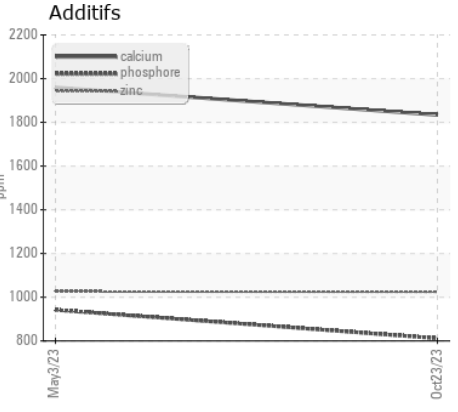
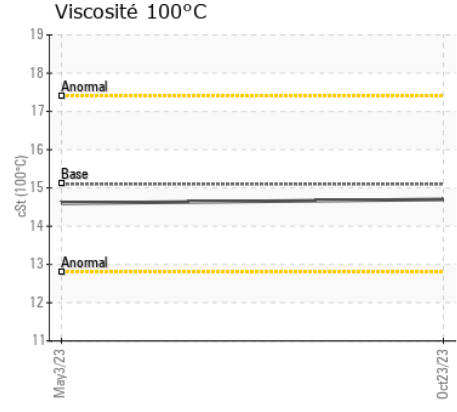
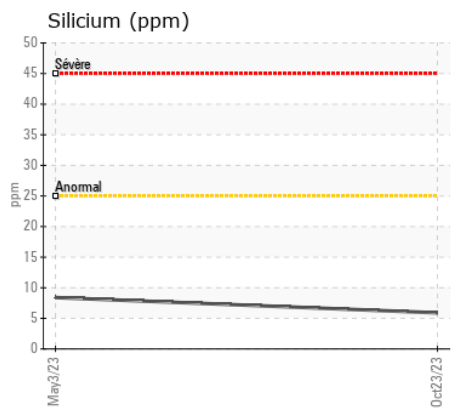
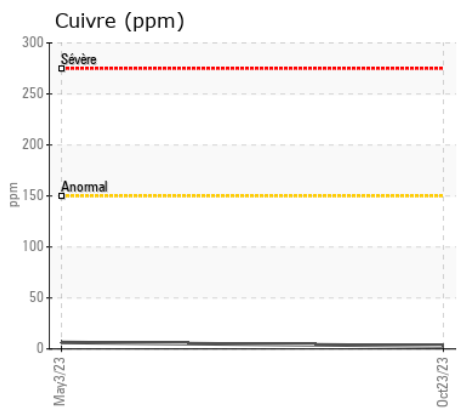
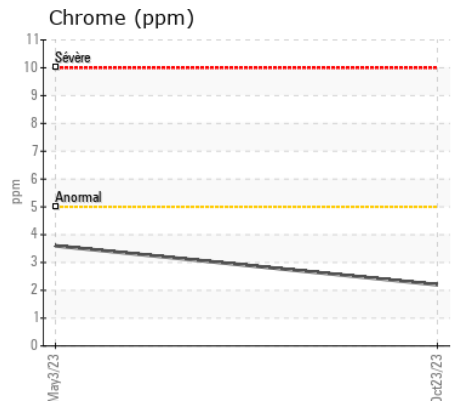
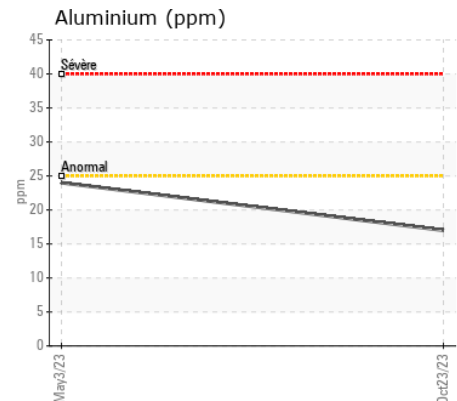
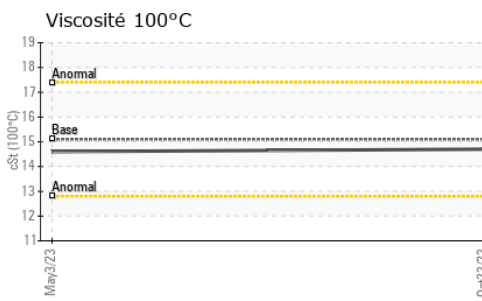
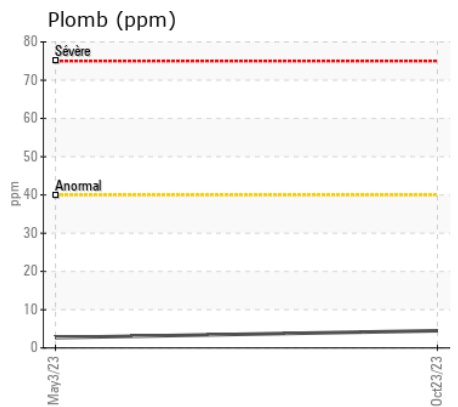
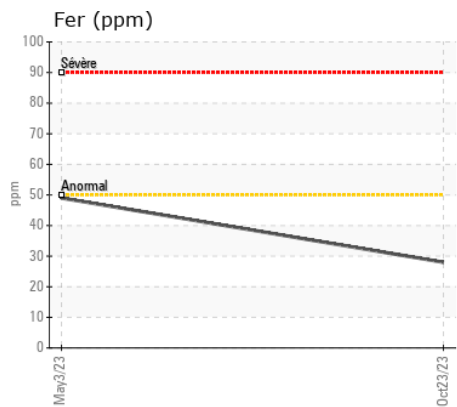
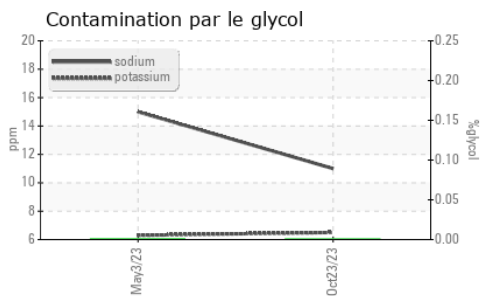
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	8	---
Potassium	ppm	ASTM D5185(m)	>20	<b>6</b>	6	---
Glycol	%	ASTM D7922*		<b>0.0</b>	0.0	---
% de suie	%	ASTM D7844*		<b>0</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>11.6</b>	13.3	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>25.1</b>	28.9	---
Eau émulsifiée	scalar	Visual*	>0.1	<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>11</b>	15	---
Bore	ppm	ASTM D5185(m)	50	<b>8</b>	6	---
Baryum	ppm	ASTM D5185(m)	5	<b>0</b>	<1	---
Molybdène	ppm	ASTM D5185(m)	50	<b>60</b>	66	---
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	3	---
Magnésium	ppm	ASTM D5185(m)	560	<b>650</b>	695	---
Calcium	ppm	ASTM D5185(m)	1510	<b>1834</b>	1960	---
Phosphore	ppm	ASTM D5185(m)	780	<b>812</b>	942	---
Zinc	ppm	ASTM D5185(m)	870	<b>1025</b>	1026	---
Soufre	ppm	ASTM D5185(m)	2040	<b>2072</b>	2131	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>20.7</b>	24.0	---
Visc 100°C	cSt	ASTM D7279(m)	15.1	<b>14.7</b>	14.6	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 742 - Quebec City Solid Waste  
**N° d'échantillon** : CU0021565 **Reçu** : 24 Oct 2023 5160 Jean-Talon Pierre-Bertrand Bou  
**N° de laboratoire** : 02591260 **Diagnostiqué** : 24 Oct 2023 Quebec City, QC  
**Numéro unique** : 5668339 **Diagnostiqueur** : Kevin Marson CA G2J 1B7  
**Analyse** : MOB 1 ( Additional Tests: Glycol )  
 Contact: Jean Audet  
 Jaudet@matrec.ca  
 T: (418)624-0080  
 F:

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.