



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**813095**  
Component  
**Diesel Engine**  
Fluid  
**DIESEL ENGINE OIL SAE 10W30 (--- GAL)**

**RECOMMENDATION**

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0096622</b>	GFL0096644	---
Sample Date		Client Info		<b>09 Jan 2024</b>	20 Oct 2023	---
Machine Age	kms	Client Info		<b>42856</b>	29260	---
Oil Age	kms	Client Info		<b>600</b>	600	---
Filter Age	kms	Client Info		<b>600</b>	600	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>120	<b>23</b>	26	---
Chromium	ppm	ASTM D5185(m)	>20	<b>1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	1	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>2</b>	2	---
Lead	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	3	---
Copper	ppm	ASTM D5185(m)	>330	<b>18</b>	97	---
Tin	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

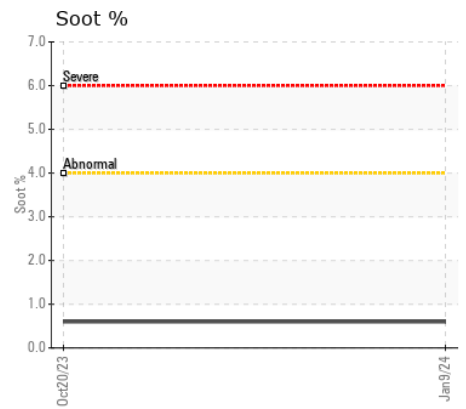
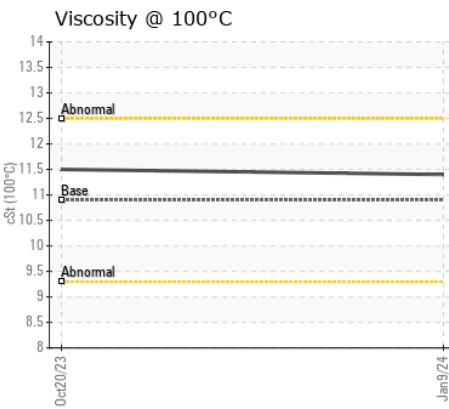
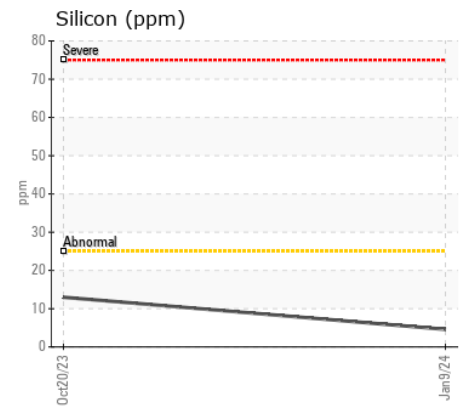
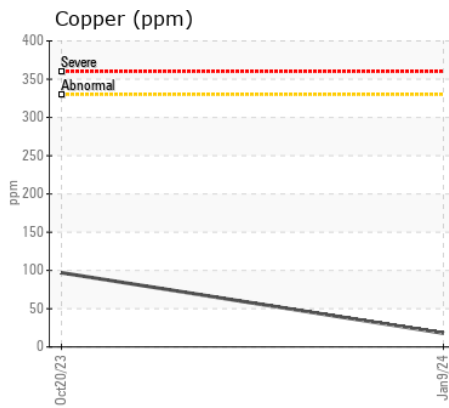
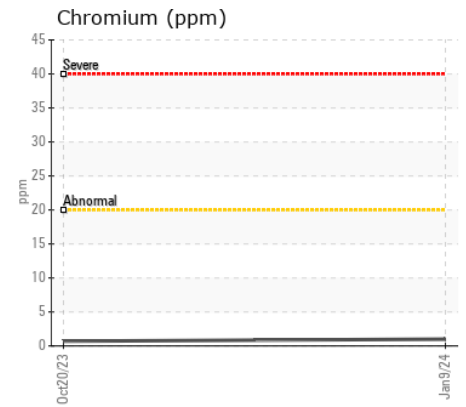
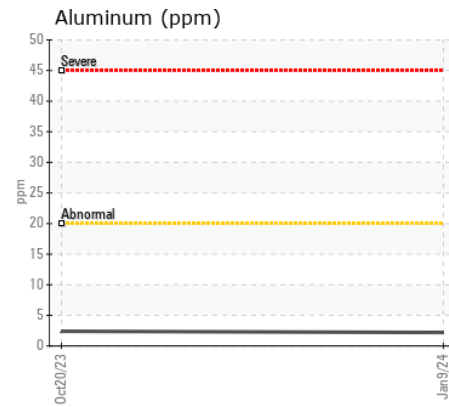
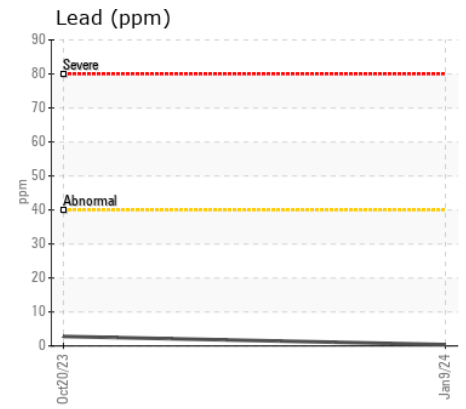
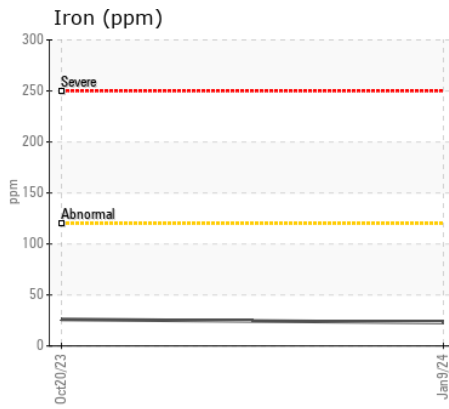
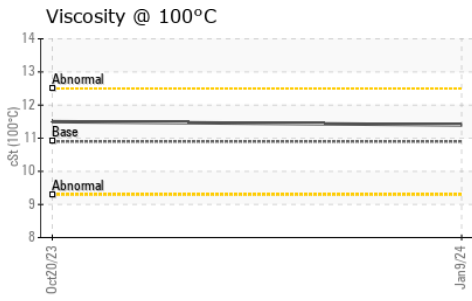
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	<b>5</b>	13	---
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	5	---
Fuel		WC Method	>3.0	<b>&lt;1.0</b>	0.7	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
Soot %	%	ASTM D7844*	>4	<b>0.6</b>	0.6	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.5</b>	9.9	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>21.2</b>	21.8	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>3</b>	3	---
Boron	ppm	ASTM D5185(m)	250	<b>3</b>	18	---
Barium	ppm	ASTM D5185(m)	10	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)	100	<b>56</b>	21	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	450	<b>933</b>	770	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1068</b>	1318	---
Phosphorus	ppm	ASTM D5185(m)	1150	<b>956</b>	716	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1128</b>	860	---
Sulfur	ppm	ASTM D5185(m)	4250	<b>2349</b>	2117	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>17.2</b>	16.4	---
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	<b>11.4</b>	11.5	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0096622  
**Lab Number** : 02616864  
**Unique Number** : 5733974  
**Test Package** : MOB 1

**GFL Environmental - 730 - Chicoutimi - Hauling**  
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To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.