



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



Machine Id  
**714005**  
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>PC0082189</b>	---	---
Sample Date		Client Info		<b>27 Mar 2024</b>	---	---
Machine Age	kms	Client Info		<b>10010</b>	---	---
Oil Age	kms	Client Info		<b>0</b>	---	---
Filter Age	kms	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>120	<b>24</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>5	<b>5</b>	---	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>4</b>	---	---
Lead	ppm	ASTM D5185(m)	>40	<b>4</b>	---	---
Copper	ppm	ASTM D5185(m)	>330	<b>186</b>	---	---
Tin	ppm	ASTM D5185(m)	>15	<b>2</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---

**CONTAMINATION**

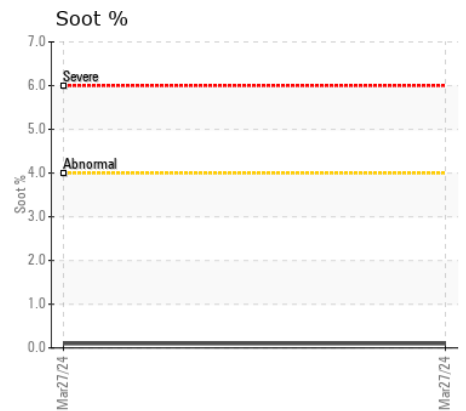
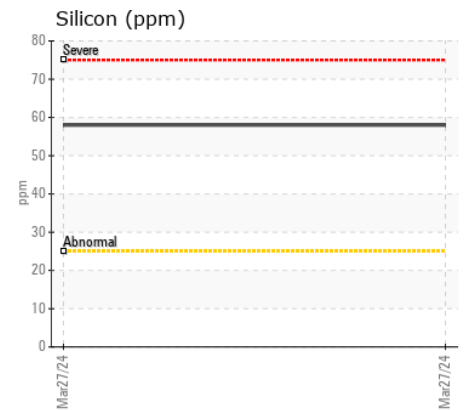
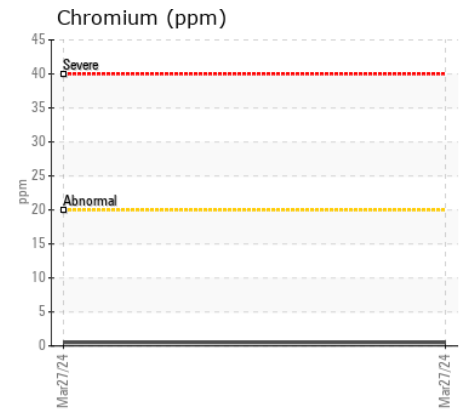
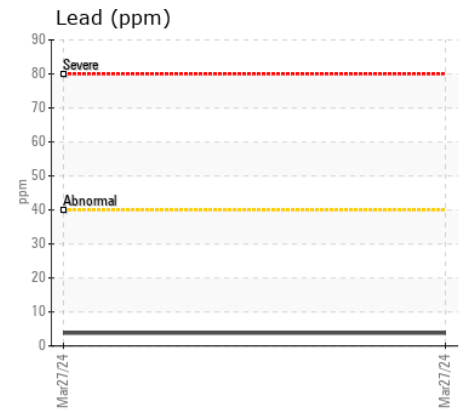
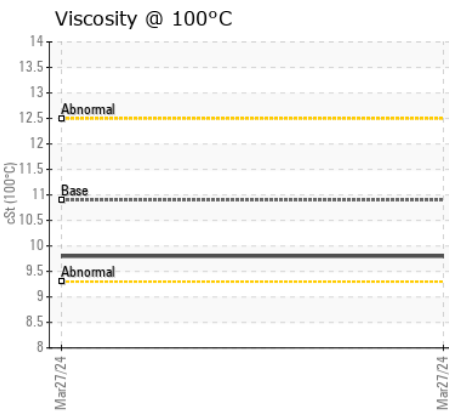
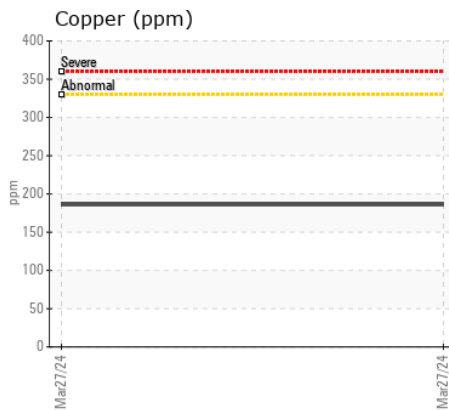
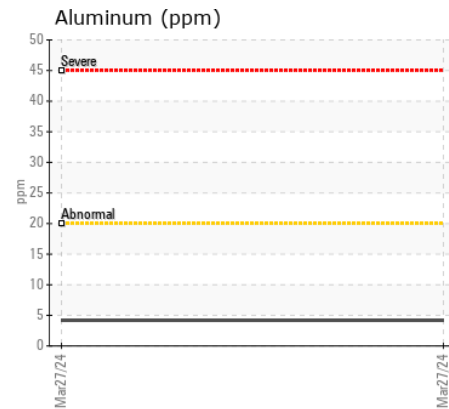
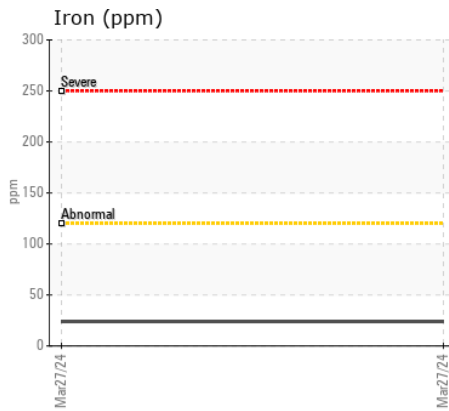
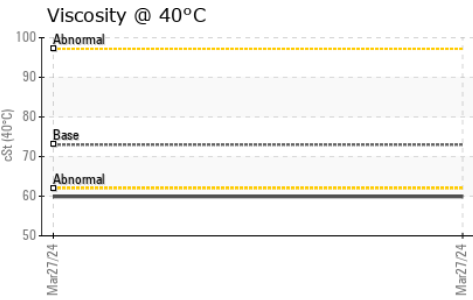
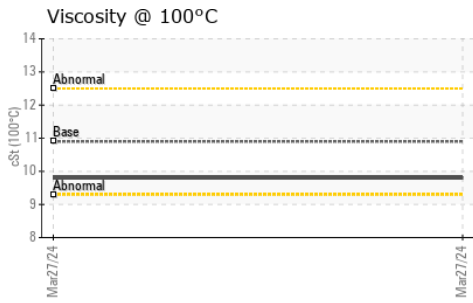
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	<b>58</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	---	---
Fuel		WC Method	>3.0	<b>&lt;1.0</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
Soot %	%	ASTM D7844*	>4	<b>0.1</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.4</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>24.4</b>	---	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	---	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>3</b>	---	---
Boron	ppm	ASTM D5185(m)	250	<b>222</b>	---	---
Barium	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	100	<b>105</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>3</b>	---	---
Magnesium	ppm	ASTM D5185(m)	450	<b>636</b>	---	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1488</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	1150	<b>686</b>	---	---
Zinc	ppm	ASTM D5185(m)	1350	<b>806</b>	---	---
Sulfur	ppm	ASTM D5185(m)	4250	<b>1981</b>	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>21.8</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	73	<b>59.9</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	<b>9.8</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	138	<b>148</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0082189 **Received** : 01 Apr 2024  
**Lab Number** : 02625591 **Tested** : 01 Apr 2024  
**Unique Number** : 5750710 **Diagnosed** : 01 Apr 2024 - Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: KV40, VI )

**GFL Environmental - 737 - Quebec City Hauling**  
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 Quebec City, QC  
 CA G2E 5G8  
 Contact: Dave Beaulieu  
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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.