

Machine Id  
**350072**  
Component  
**Gasoline Engine**  
Fluid  
**SAE 5W30 (--- GAL)**

### RECOMMENDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. 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>GFL0103768</b>	---	---
Sample Date		Client Info		<b>09 Feb 2024</b>	---	---
Machine Age	kms	Client Info		<b>102444</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>ABNORMAL</b>	---	---

### WEAR

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

Iron	ppm	ASTM D5185(m)	>150	<b>6</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>2	<b>1</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>40	<b>3</b>	---	---
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>155	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---

### CONTAMINATION

Légère dilution de carburant dans l'huile.

Silicon	ppm	ASTM D5185(m)	>30	<b>17</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>8</b>	---	---
Fuel	%	ASTM D7593*	>4.0	<b>▲ 2.2</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
Soot %	%	ASTM D7844*		<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>12.2</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>24.4</b>	---	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	---	---

### FLUID CONDITION

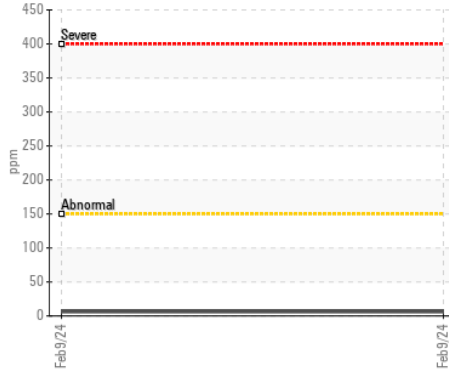
Il y a du carburant dans l'huile, ce qui réduit la viscosité. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)	>400	<b>5</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>22</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>69</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>498</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>952</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>662</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>702</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>2374</b>	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>16.7</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.0	<b>▲ 7.4</b>	---	---

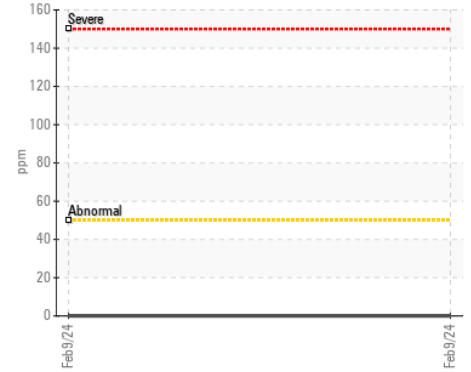
▲ Viscosity @ 100°C



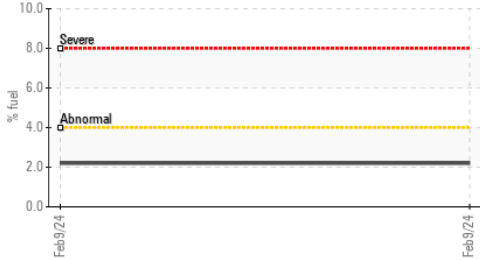
Iron (ppm)



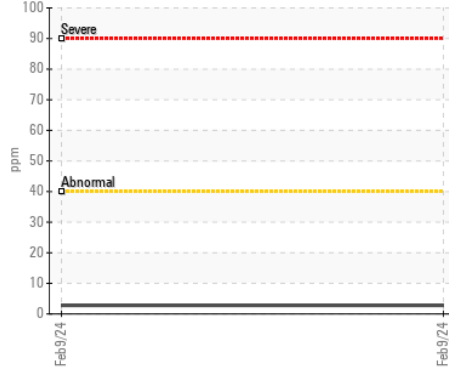
Lead (ppm)



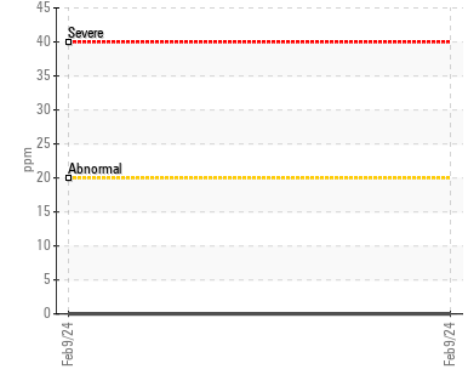
▲ Fuel Dilution



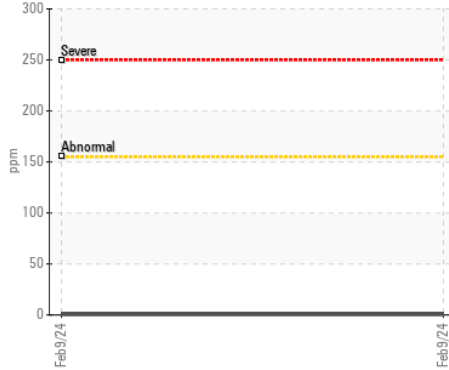
Aluminum (ppm)



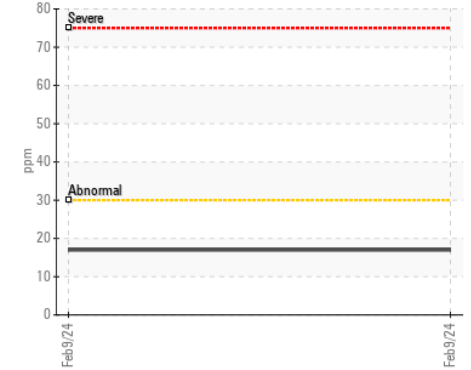
Chromium (ppm)



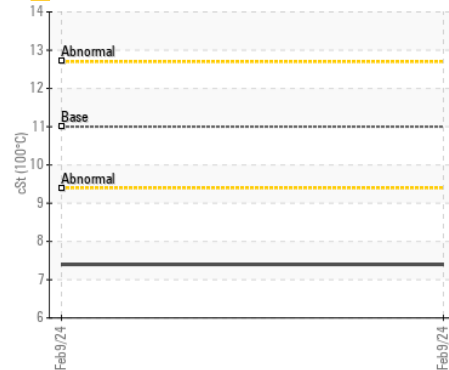
Copper (ppm)



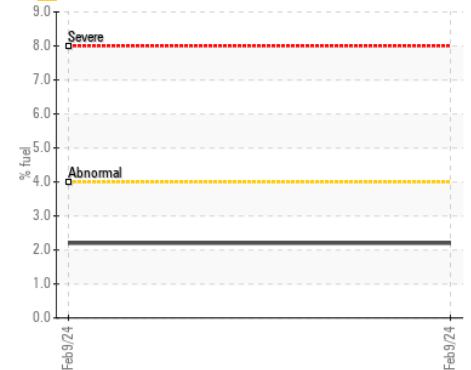
Silicon (ppm)



▲ Viscosity @ 100°C



▲ Fuel Dilution



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0103768  
**Lab Number** : 02615871  
**Unique Number** : 5732981  
**Test Package** : MOB 1 ( Additional Tests: FuelDilution, PercentFuel )

**GFL Environmental - 780 - GMA - ICI - Solid Waste**  
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 Laval, QC  
 CA H7P 4J3  
 Contact: Pieces Laval  
 pieces.laval@gflenv.com  
 T: (450)687-3838  
 F:

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.