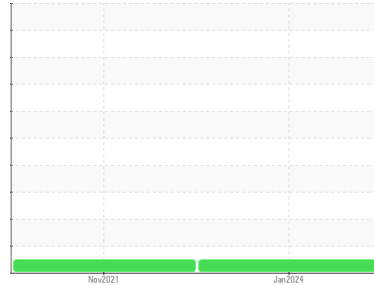


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**LE BELLEVOIS [233666]**  
Machine Id  
**GD12771**

Component  
**Diesel Engine**  
Fluid  
**APRIL SUPERFLO GOLD K 15W40 (--- GAL)**

## DIAGNOSIS

### Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin de surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

### Wear

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

### Contamination

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

### Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WA0019784</b>	GD0005354	---
Sample Date	Client Info			<b>09 Jan 2024</b>	02 Nov 2021	---
Machine Age	hrs	Client Info		<b>1030</b>	979	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed	Client Info			<b>Changed</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>5		<b>&lt;1.0</b>	<1.0	---
Water	WC Method	>0.2		<b>NEG</b>	NEG	---
Glycol	WC Method			<b>NEG</b>	NEG	---

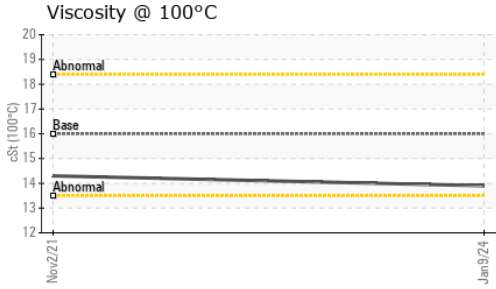
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	<b>3</b>	2	---
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>1</b>	1	---
Lead	ppm	ASTM D5185(m)	>40	<b>2</b>	2	---
Copper	ppm	ASTM D5185(m)	>330	<b>1</b>	2	---
Tin	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	34	<b>&lt;1</b>	1	---
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	70	<b>57</b>	58	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	640	<b>943</b>	1033	---
Calcium	ppm	ASTM D5185(m)	1410	<b>1024</b>	1075	---
Phosphorus	ppm	ASTM D5185(m)	1020	<b>988</b>	1100	---
Zinc	ppm	ASTM D5185(m)	1170	<b>1146</b>	1240	---
Sulfur	ppm	ASTM D5185(m)	2930	<b>2667</b>	2783	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	<b>2</b>	3	---
Sodium	ppm	ASTM D5185(m)		<b>2</b>	1	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	<b>0</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.1</b>	2.9	---
Sulfation	Abs./1mm	ASTM D7415*	>30	<b>18.2</b>	13.1	---

# OIL ANALYSIS REPORT



FLUID DEGRADATION		method	limit/base	current	history1	history2
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Oxidation	Abs./1mm	ASTM D7414*	>25	<b>13.7</b>	5.4	---
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VISUAL		method	limit/base	current	history1	history2
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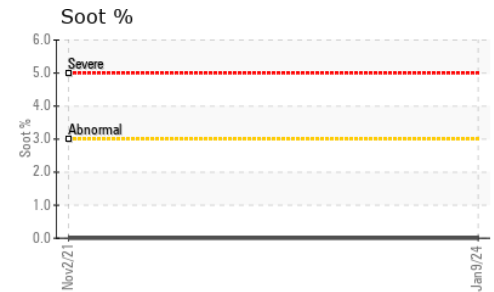
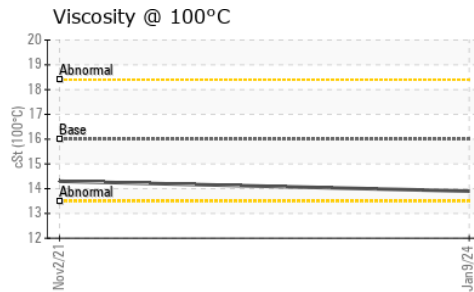
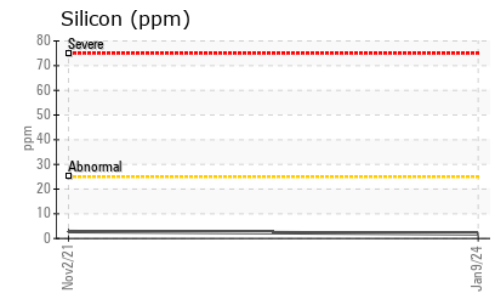
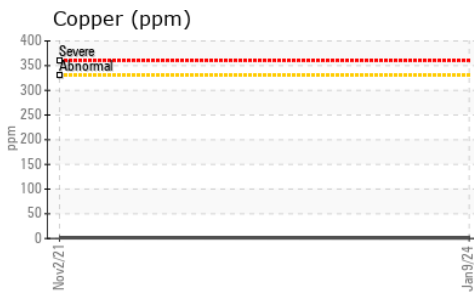
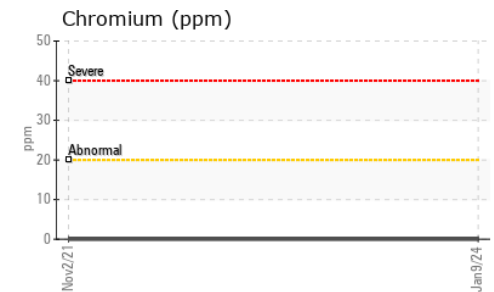
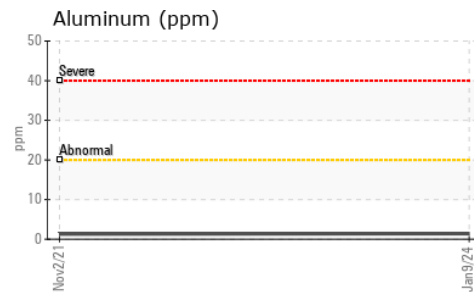
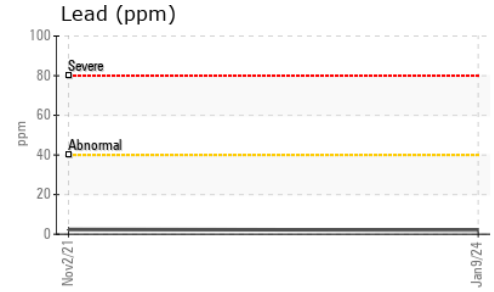
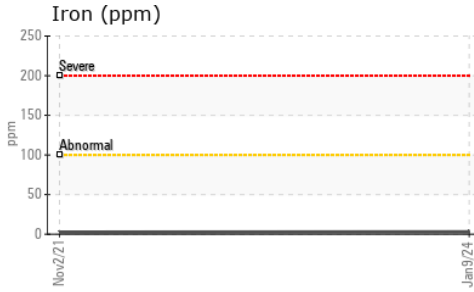
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---
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Free Water	scalar	Visual*		<b>NEG</b>	NEG	---
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FLUID PROPERTIES		method	limit/base	current	history1	history2
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Visc @ 100°C	cSt	ASTM D7279(m)	16.0	<b>13.9</b>	14.3	---
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0019784  
**Lab Number** : 02607792  
**Unique Number** : 5708878  
**Test Package** : MOB 1

**Generatrice Drummond**  
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 CA J0C 1K0  
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 poiirivalerie@generatricedrummond.com  
 T: (819)398-6811  
 F: (819)398-7022

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.