



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

Machine Id  
**911054**

Component  
**1 Differential**

Fluid  
**GEAR OIL SAE 75W90 (--- GAL)**

**RECOMMENDATION**

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration.

**WEAR**

Usure de rondelle de butée et (ou) de palier et (ou) de douille.

**CONTAMINATION**

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

**FLUID CONDITION**

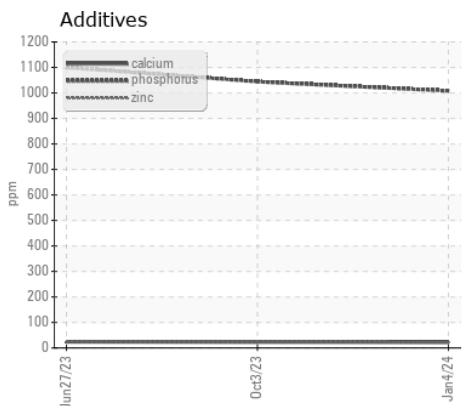
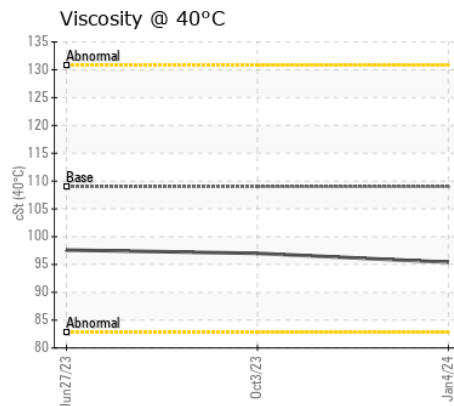
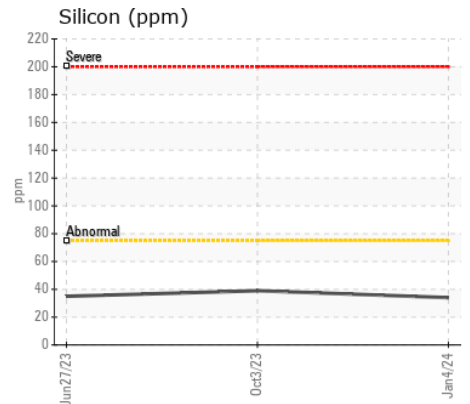
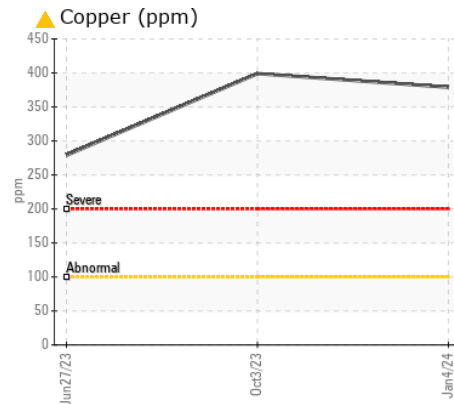
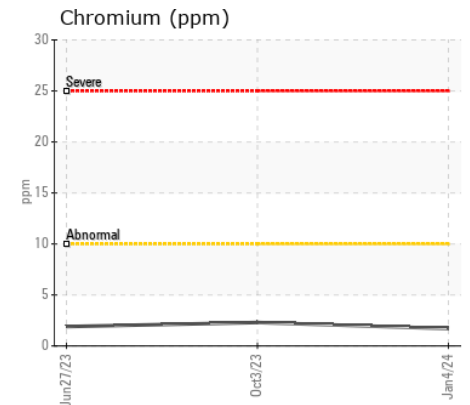
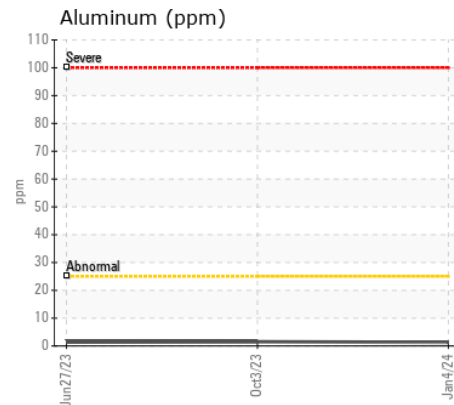
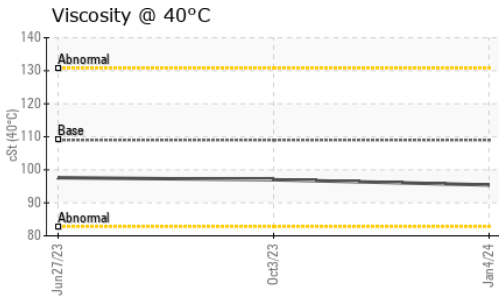
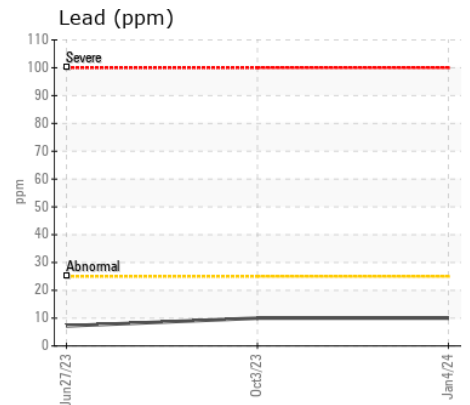
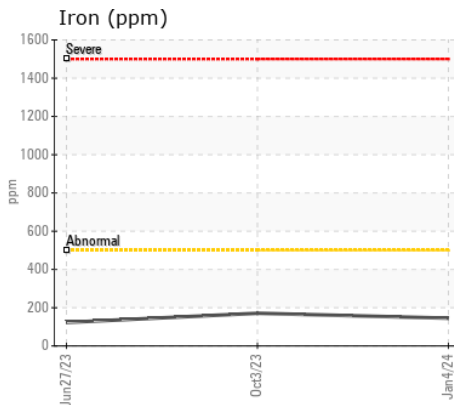
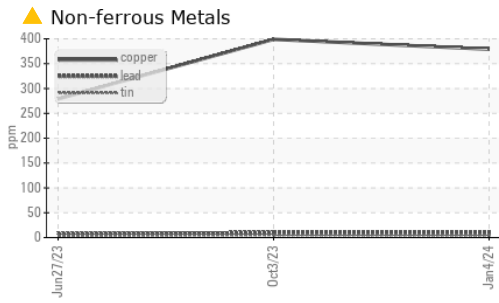
l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0097429</b>	GFL0097414	GFL0061253
Sample Date		Client Info		<b>04 Jan 2024</b>	03 Oct 2023	27 Jun 2023
Machine Age	hrs	Client Info		<b>1783</b>	1287	615
Oil Age	hrs	Client Info		<b>1783</b>	1287	615
Filter Age	hrs	Client Info		<b>1783</b>	1287	615
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	NORMAL

Iron	ppm	ASTM D5185(m)	>500	<b>145</b>	171	123
Chromium	ppm	ASTM D5185(m)	>10	<b>2</b>	2	2
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>1</b>	2	1
Lead	ppm	ASTM D5185(m)	>25	<b>10</b>	10	7
Copper	ppm	ASTM D5185(m)	>100	<b>▲ 379</b>	▲ 399	279
Tin	ppm	ASTM D5185(m)	>10	<b>5</b>	5	4
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	LIGHT	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>75	<b>34</b>	39	35
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	2
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>VLITE</b>	VLITE	VLITE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185(m)		<b>6</b>	7	6
Boron	ppm	ASTM D5185(m)	400	<b>127</b>	135	137
Barium	ppm	ASTM D5185(m)	200	<b>1</b>	2	2
Molybdenum	ppm	ASTM D5185(m)	12	<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185(m)		<b>21</b>	25	20
Magnesium	ppm	ASTM D5185(m)	12	<b>9</b>	8	9
Calcium	ppm	ASTM D5185(m)	150	<b>22</b>	23	24
Phosphorus	ppm	ASTM D5185(m)	1650	<b>1008</b>	1044	1100
Zinc	ppm	ASTM D5185(m)	125	<b>22</b>	23	24
Sulfur	ppm	ASTM D5185(m)	22500	<b>21874</b>	22778	22806
Visc @ 40°C	cSt	ASTM D7279(m)	109	<b>95.4</b>	97.0	97.6



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 732 - Beauce - Hauling - Solid Waste  
**Sample No.** : GFL0097429 **Received** : 10 Jan 2024  
**Lab Number** : 02607917 **Diagnosed** : 11 Jan 2024  
**Unique Number** : 5709003 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1

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.

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