

Machine Id  
**4659**  
Component  
**2 Differential**  
Fluid  
**GEAR OIL SAE 75W90 (--- GAL)**

**RECOMMENDATION**

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

**WEAR**

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

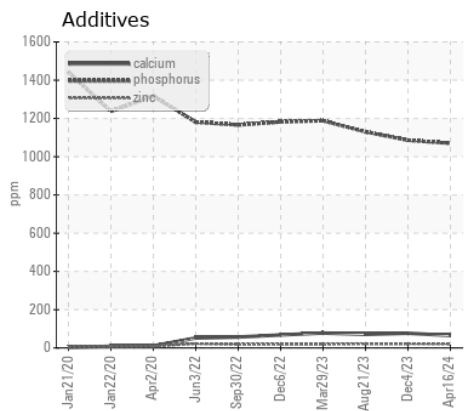
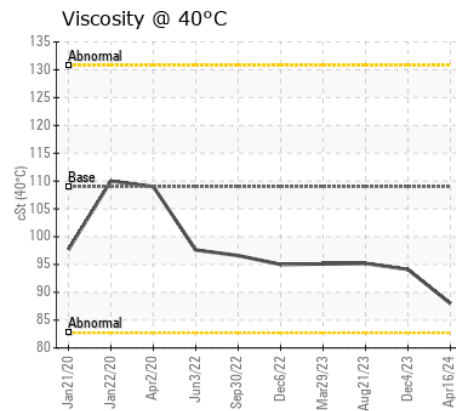
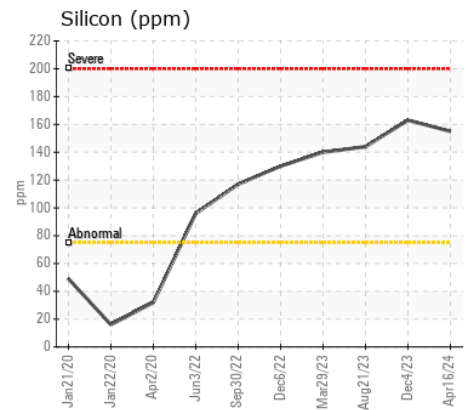
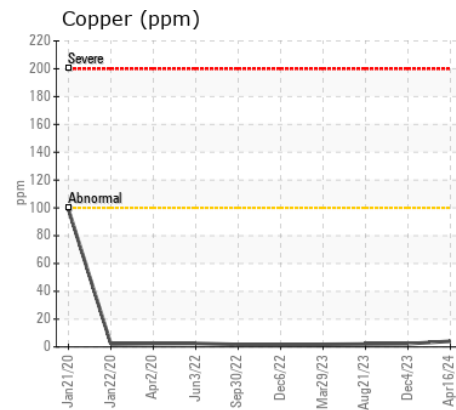
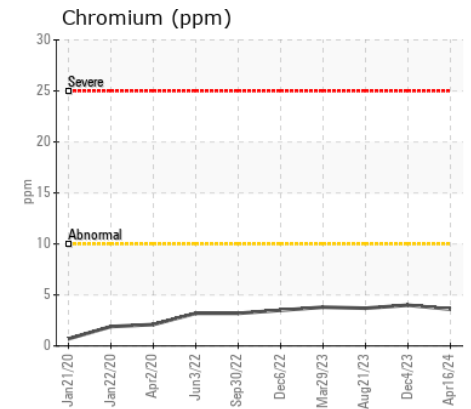
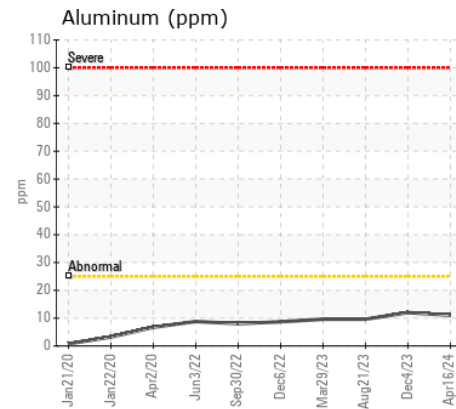
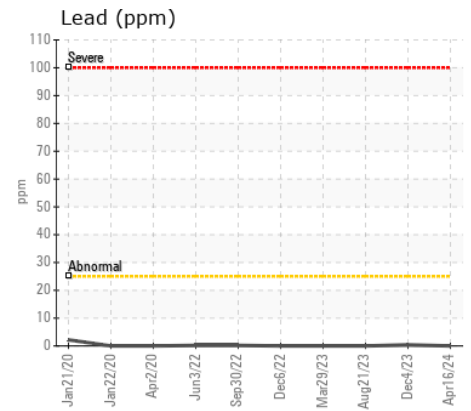
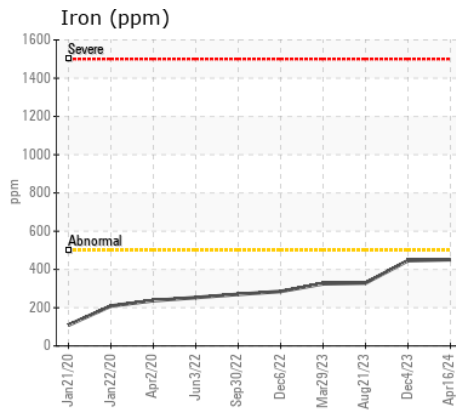
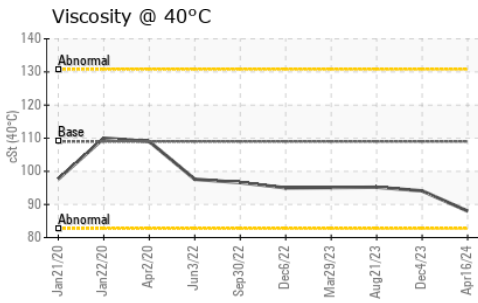
**CONTAMINATION**

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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0117064</b>	GFL0097425	GFL0089662
Sample Date		Client Info		<b>16 Apr 2024</b>	04 Dec 2023	21 Aug 2023
Machine Age	hrs	Client Info		<b>20284</b>	19675	19089
Oil Age	hrs	Client Info		<b>20284</b>	19089	18476
Filter Age	hrs	Client Info		<b>20284</b>	19089	18476
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>NORMAL</b>	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>500	<b>451</b>	446	329
Chromium	ppm	ASTM D5185(m)	>10	<b>4</b>	4	4
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>11</b>	12	10
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>100	<b>4</b>	2	2
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>75	<b>155</b>	163	▲ 144
Potassium	ppm	ASTM D5185(m)	>20	<b>6</b>	3	3
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	LIGHT
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	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>23</b>	24	17
Boron	ppm	ASTM D5185(m)	400	<b>87</b>	92	88
Barium	ppm	ASTM D5185(m)	200	<b>3</b>	3	3
Molybdenum	ppm	ASTM D5185(m)	12	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)		<b>5</b>	5	4
Magnesium	ppm	ASTM D5185(m)	12	<b>5</b>	5	5
Calcium	ppm	ASTM D5185(m)	150	<b>65</b>	77	71
Phosphorus	ppm	ASTM D5185(m)	1650	<b>1070</b>	1086	1130
Zinc	ppm	ASTM D5185(m)	125	<b>20</b>	21	21
Sulfur	ppm	ASTM D5185(m)	22500	<b>18052</b>	18714	17886
Visc @ 40°C	cSt	ASTM D7279(m)	109	<b>88.0</b>	94.1	95.2



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0117064  
**Lab Number** : 02629996  
**Unique Number** : 5763128  
**Test Package** : MOB 1  
**Received** : 18 Apr 2024  
**Tested** : 18 Apr 2024  
**Diagnosed** : 18 Apr 2024 - Kevin Marson

**GFL Environmental - 732 - Beauce - Hauling - Solid Waste**  
 139, 181 Street,  
 Beauceville, QC  
 CA G5X 2S9  
 Contact: Sandrine Duval  
 sduval@matrec.ca  
 T: (418)774-5275  
 F: (418)774-5292

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.