



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



Machine Id  
**FREIGHTLINER 422066**  
Component  
**1 Differential**  
Fluid  
**SAE 80W90 (--- 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.

**WEAR**

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

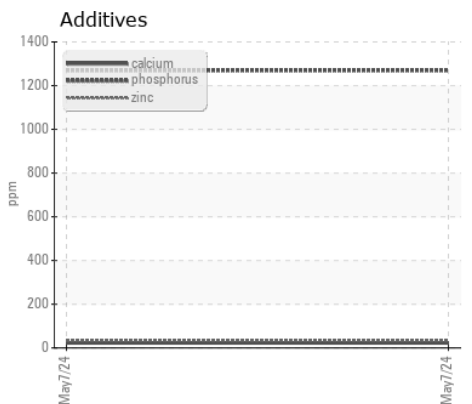
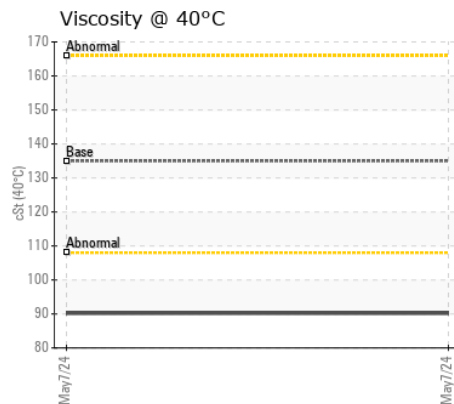
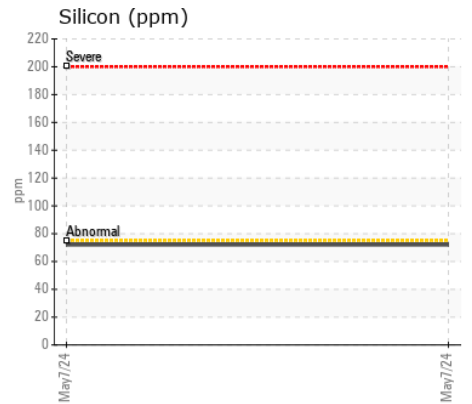
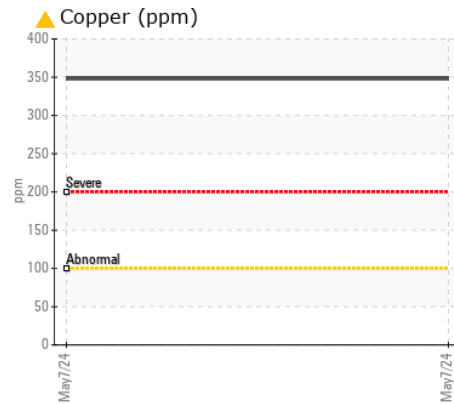
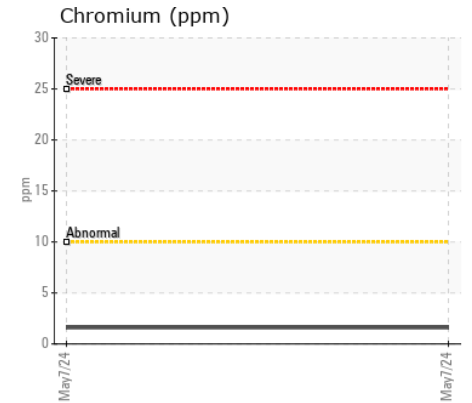
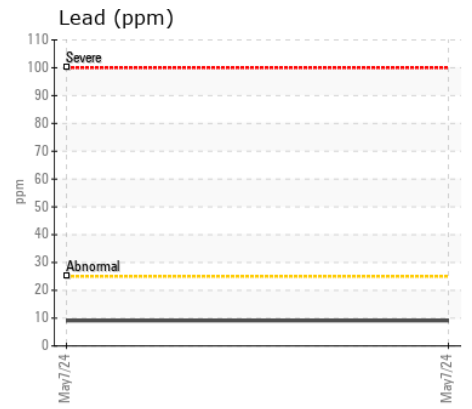
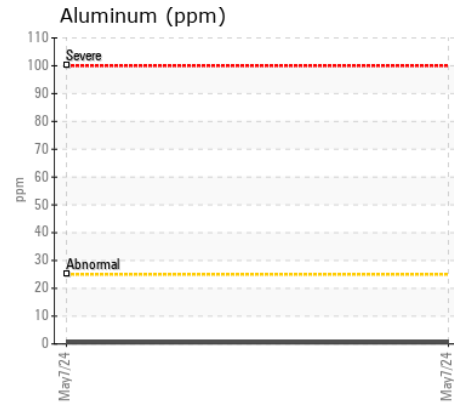
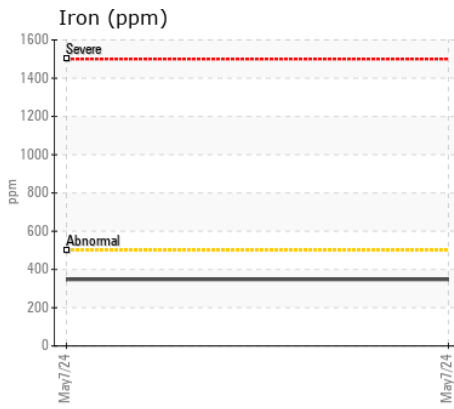
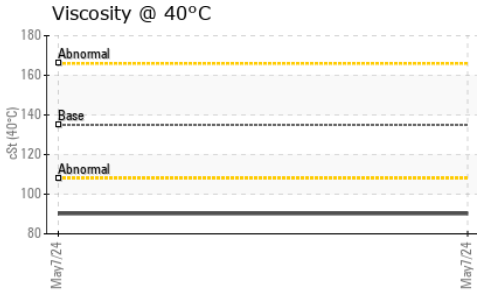
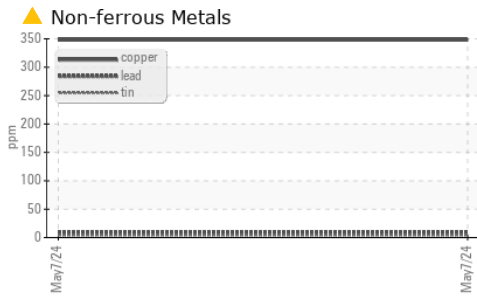
**CONTAMINATION**

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

**FLUID CONDITION**

La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. 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>GFL0094609</b>	---	---
Sample Date		Client Info		<b>07 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>4934</b>	---	---
Oil Age	hrs	Client Info		<b>4934</b>	---	---
Filter Age	hrs	Client Info		<b>4934</b>	---	---
Oil Changed		Client Info		<b>Not Changed</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---
Iron	ppm	ASTM D5185(m)	>500	<b>348</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>25	<b>9</b>	---	---
Copper	ppm	ASTM D5185(m)	>100	<b>▲ 348</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>4</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silicon	ppm	ASTM D5185(m)	>75	<b>72</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	---	---
Water		WC Method	>.2	<b>NEG</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>.2	<b>NEG</b>	---	---
Sodium	ppm	ASTM D5185(m)	>50	<b>27</b>	---	---
Boron	ppm	ASTM D5185(m)	200	<b>169</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>22</b>	---	---
Magnesium	ppm	ASTM D5185(m)	0	<b>7</b>	---	---
Calcium	ppm	ASTM D5185(m)	20	<b>23</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	1000	<b>1270</b>	---	---
Zinc	ppm	ASTM D5185(m)	20	<b>33</b>	---	---
Sulfur	ppm	ASTM D5185(m)	22000	<b>21152</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	135	<b>90.2</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0094609  
**Lab Number** : 02634674  
**Unique Number** : 5775827  
**Test Package** : MOB 1  
**Received** : 10 May 2024  
**Tested** : 10 May 2024  
**Diagnosed** : 10 May 2024 - Kevin Marson

**GFL Environmental 791MAT - Matane**  
 29 rue Brilliant  
 Matane, QC  
 CA G4W 0J7  
 Contact: B Berube  
 bberube@matrec.ca

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.

T:  
F: