

Machine Id  
**824031**  
Component  
**2 Differential**  
Fluid  
**SAE 80W90 (--- GAL)**

**RECOMMENDATION**

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>GFL0113466</b>	---	---
Sample Date		Client Info		<b>19 Feb 2024</b>	---	---
Machine Age	kms	Client Info		<b>326999</b>	---	---
Oil Age	kms	Client Info		<b>0</b>	---	---
Filter Age	kms	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Not Chngd</b>	---	---
Filter Changed		Client Info		<b>Not Chngd</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>500	<b>289</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>4</b>	---	---
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>17</b>	---	---
Lead	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)	>100	<b>2</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</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>	---	---

**CONTAMINATION**

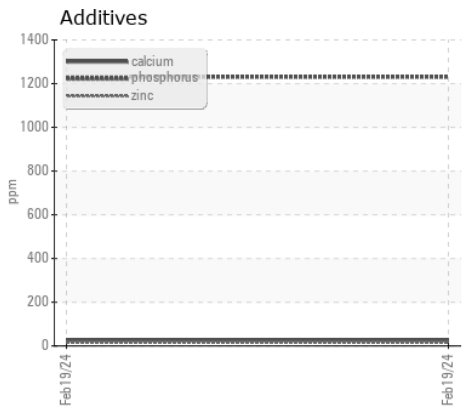
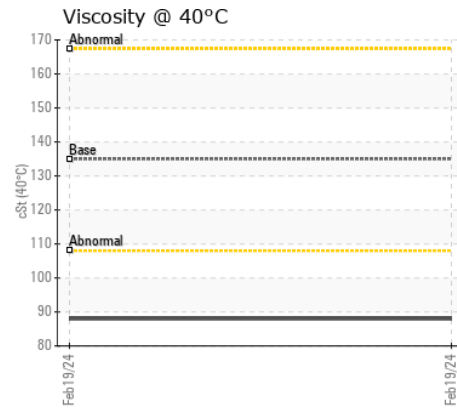
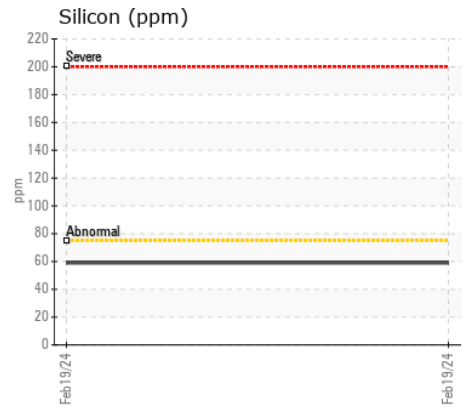
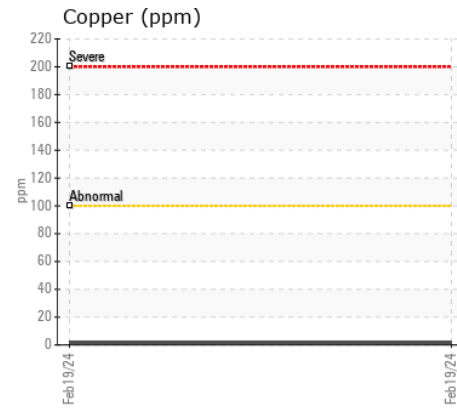
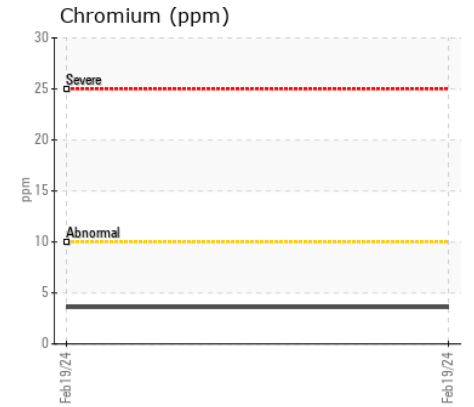
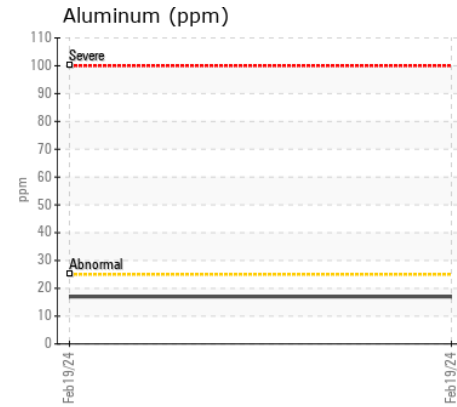
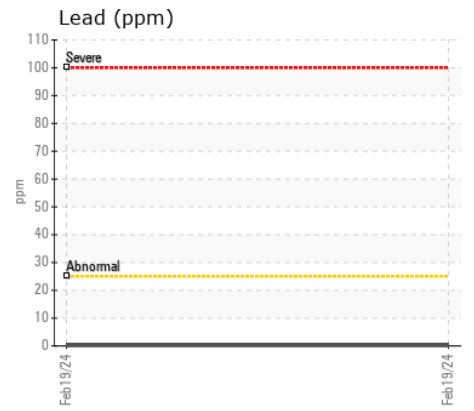
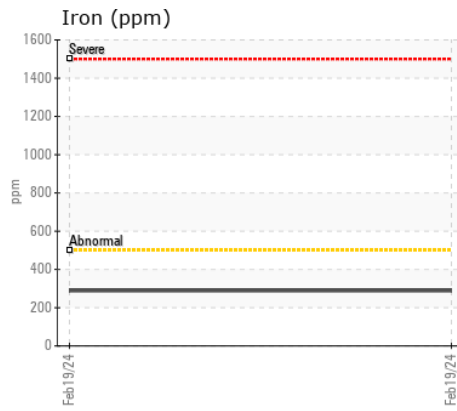
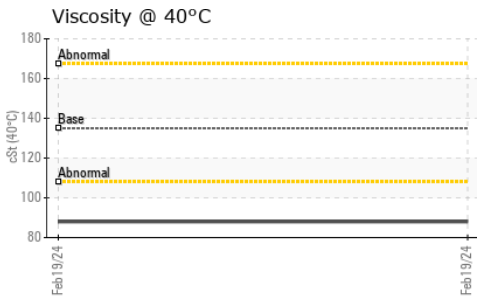
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	<b>59</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>5</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>	---	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)	>50	<b>9</b>	---	---
Boron	ppm	ASTM D5185(m)	200	<b>229</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>5</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>4</b>	---	---
Magnesium	ppm	ASTM D5185(m)	0	<b>4</b>	---	---
Calcium	ppm	ASTM D5185(m)	20	<b>26</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	1000	<b>1231</b>	---	---
Zinc	ppm	ASTM D5185(m)	20	<b>15</b>	---	---
Sulfur	ppm	ASTM D5185(m)	22000	<b>20616</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	135	<b>88.0</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0113466 **Received** : 26 Feb 2024  
**Lab Number** : 02618127 **Tested** : 26 Feb 2024  
**Unique Number** : 5735237 **Diagnosed** : 26 Feb 2024 - Wes Davis  
**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.

**Matrec - 791 - Rimouski**  
 350 Avenue de L'Industrie  
 Rimouski, QC  
 CA G5M 1W4  
 Contact: Vincent Maltais  
 info@foretsstar.com  
 T: 4(18)388-2626  
 F: (418)388-2038