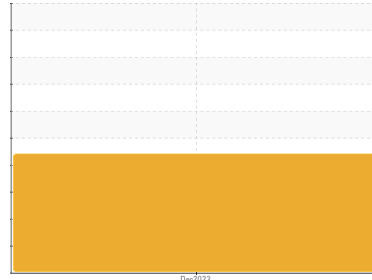




# OIL ANALYSIS REPORT

Sample Rating Trend

ISO



Machine Id  
**733009**  
Component  
**Hydraulic System**  
Fluid  
**NOT GIVEN (--- GAL)**

## DIAGNOSIS

### Recommendation

Vérifier les scelles et/ou les filtres pour des points d'entrée des contaminants. Le reniflard d'air doit être réparé. S'il n'est pas classé, nous vous recommandons de le remplacer par un reniflard à air adapté au micron et / ou au dessicant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon.

### Wear

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

### Contamination

Il y a une grande quantité de limon (particules de 4 à 14 microns) dans l'huile.

### Fluid Condition

l'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>GFL0097126</b>	---	---
Sample Date	Client Info	<b>15 Dec 2023</b>	---	---
Machine Age	hrs Client Info	<b>12328</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>Not Chngd</b>	---	---
Sample Status		<b>SEVERE</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >50	<b>3</b>	---	---
Chromium	ppm ASTM D5185(m) >10	<b>0</b>	---	---
Nickel	ppm ASTM D5185(m) >4	<b>0</b>	---	---
Titanium	ppm ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm ASTM D5185(m)	<b>0</b>	---	---
Aluminum	ppm ASTM D5185(m) >5	<b>&lt;1</b>	---	---
Lead	ppm ASTM D5185(m) >4	<b>&lt;1</b>	---	---
Copper	ppm ASTM D5185(m) >15	<b>&lt;1</b>	---	---
Tin	ppm ASTM D5185(m) >4	<b>0</b>	---	---
Antimony	ppm ASTM D5185(m)	<b>0</b>	---	---
Vanadium	ppm ASTM D5185(m)	<b>0</b>	---	---
Beryllium	ppm ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm ASTM D5185(m)	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Barium	ppm ASTM D5185(m)	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185(m)	<b>0</b>	---	---
Manganese	ppm ASTM D5185(m)	<b>0</b>	---	---
Magnesium	ppm ASTM D5185(m)	<b>3</b>	---	---
Calcium	ppm ASTM D5185(m)	<b>519</b>	---	---
Phosphorus	ppm ASTM D5185(m)	<b>201</b>	---	---
Zinc	ppm ASTM D5185(m)	<b>59</b>	---	---
Sulfur	ppm ASTM D5185(m)	<b>1049</b>	---	---
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---

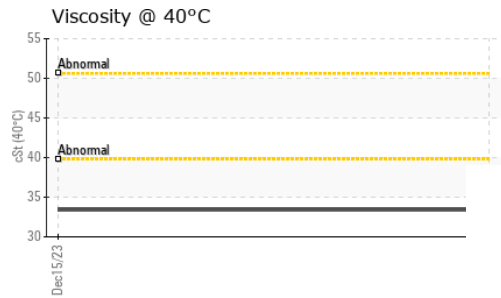
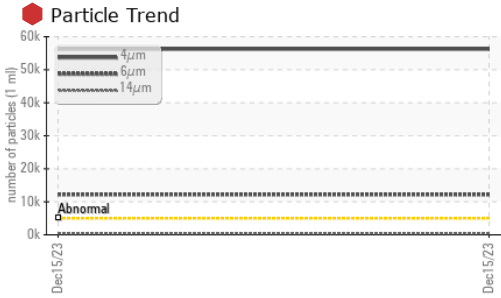
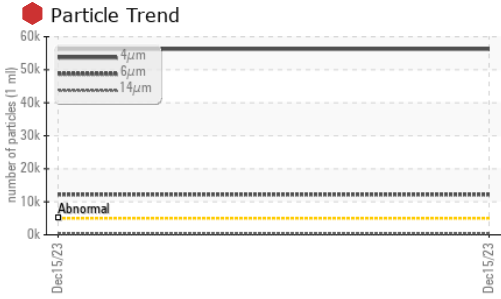
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >15	<b>&lt;1</b>	---	---
Sodium	ppm ASTM D5185(m)	<b>1</b>	---	---
Potassium	ppm ASTM D5185(m) >20	<b>&lt;1</b>	---	---

## FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >5000	<b>56249</b>	---	---
Particles >6µm	ASTM D7647 >1300	<b>12209</b>	---	---
Particles >14µm	ASTM D7647 >160	<b>401</b>	---	---
Particles >21µm	ASTM D7647 >40	<b>70</b>	---	---
Particles >38µm	ASTM D7647 >10	<b>3</b>	---	---
Particles >71µm	ASTM D7647 >3	<b>0</b>	---	---
Oil Cleanliness	ISO 4406 (c) >19/17/14	<b>23/21/16</b>	---	---

# OIL ANALYSIS REPORT



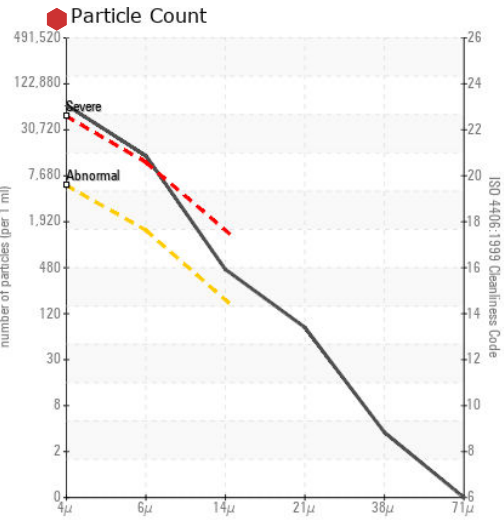
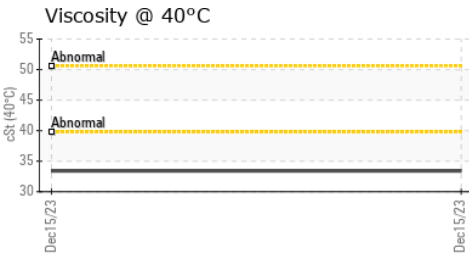
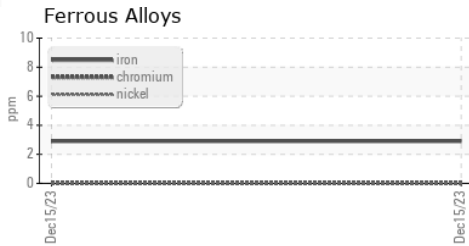
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	<b>33.4</b>	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste  
**Sample No.** : GFL0097126 **Received** : 20 Dec 2023 4365 boul. St-Elzear Ouest, Laval, QC  
**Lab Number** : **02604433** **Diagnosed** : 21 Dec 2023 CA H7P 4J3  
**Unique Number** : 5697518 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: PrtCount )

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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