



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



Machine Id  
**OR706**  
Component  
**Hydraulic System**  
Fluid  
**AW HYDRAULIC OIL ISO 32 (--- 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>GFL0114898</b>	GFL0097026	---
Sample Date		Client Info		<b>26 Feb 2024</b>	15 Nov 2023	---
Machine Age	hrs	Client Info		<b>2012</b>	12	---
Oil Age	hrs	Client Info		<b>200</b>	0	---
Filter Age	hrs	Client Info		<b>200</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>65	<b>21</b>	22	---
Chromium	ppm	ASTM D5185(m)	>6	<b>6</b>	6	---
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>5	<b>1</b>	1	---
Lead	ppm	ASTM D5185(m)	>45	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185(m)	>120	<b>3</b>	3	---
Tin	ppm	ASTM D5185(m)	>4	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

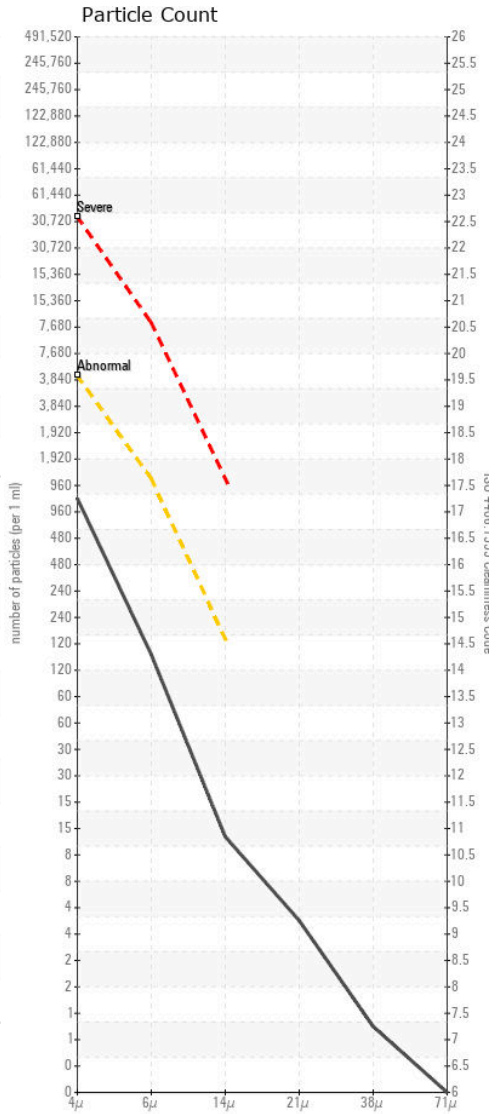
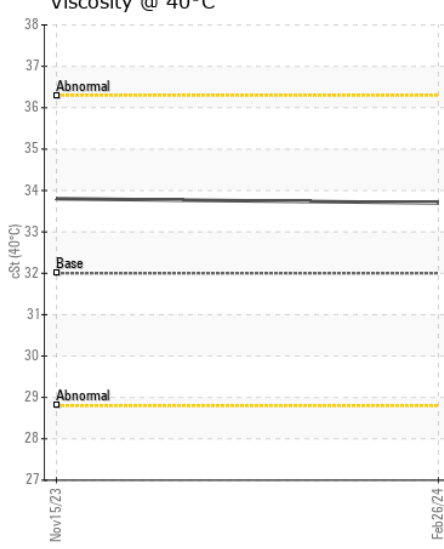
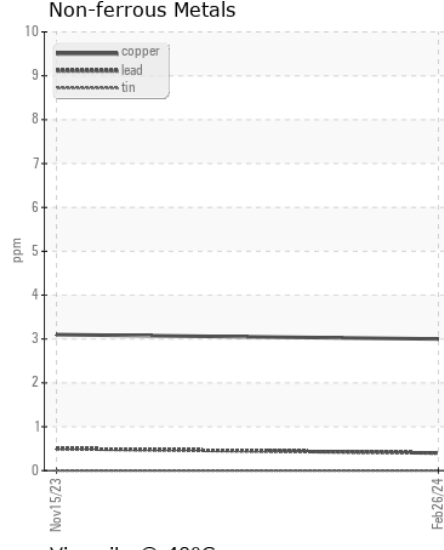
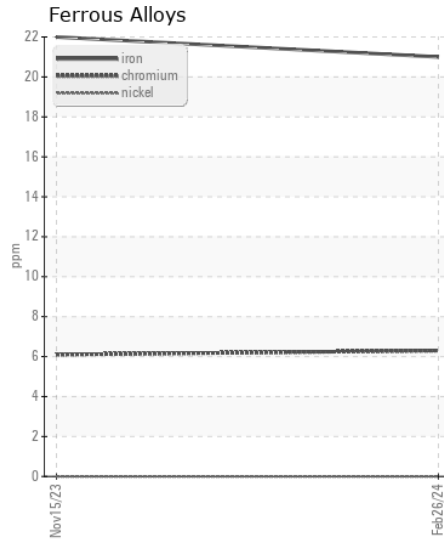
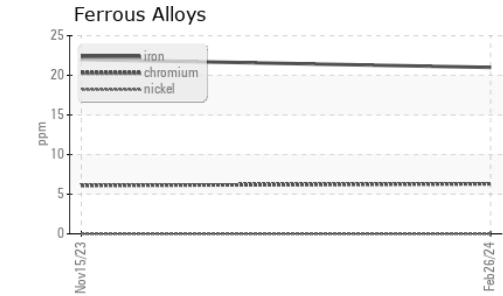
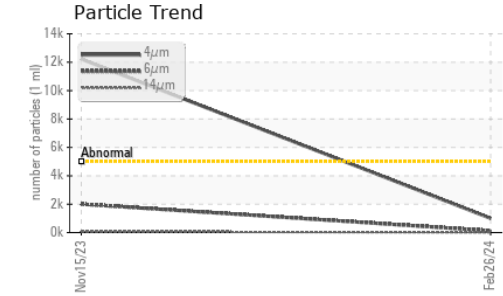
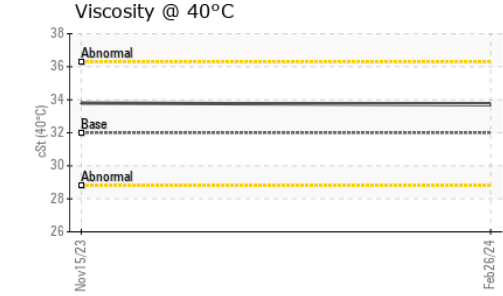
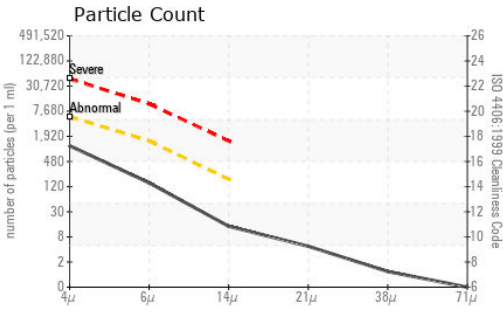
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable.

Silicon	ppm	ASTM D5185(m)	>25	<b>3</b>	3	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	<1	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Particles >4µm		ASTM D7647	>5000	<b>1003</b>	▲ 12223	---
Particles >6µm		ASTM D7647	>1300	<b>130</b>	● 2005	---
Particles >14µm		ASTM D7647	>160	<b>12</b>	58	---
Particles >21µm		ASTM D7647	>40	<b>4</b>	11	---
Particles >38µm		ASTM D7647	>10	<b>1</b>	2	---
Particles >71µm		ASTM D7647	>3	<b>0</b>	1	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>17/14/11</b>	▲ 21/18/13	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>2</b>	2	---
Boron	ppm	ASTM D5185(m)	5	<b>2</b>	2	---
Barium	ppm	ASTM D5185(m)	5	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)	5	<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	---
Magnesium	ppm	ASTM D5185(m)	25	<b>16</b>	17	---
Calcium	ppm	ASTM D5185(m)	200	<b>408</b>	428	---
Phosphorus	ppm	ASTM D5185(m)	300	<b>380</b>	383	---
Zinc	ppm	ASTM D5185(m)	370	<b>416</b>	422	---
Sulfur	ppm	ASTM D5185(m)	2500	<b>1658</b>	1526	---
Visc @ 40°C	cSt	ASTM D7279(m)	32	<b>33.7</b>	33.8	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0114898  
**Lab Number** : 02620598  
**Unique Number** : 5737708  
**Test Package** : MOB 1 ( Additional Tests: PrtCount )

**GFL Environmental - 780 - GMA - ICI - Solid Waste**  
 4365 boul. St-Elzear Ouest,  
 Laval, QC  
 CA H7P 4J3  
 Contact: Louis Michaud  
 louis.michaud@gflenv.com

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.