



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



Machine Id  
**833083**  
Component  
**Hydraulic System**  
Fluid  
**AW HYDRAULIC OIL ISO 32 (--- LTR)**

**RECOMMENDATION**

Nous vous recommandons de vérifier tous les endroits par lesquels des contaminants peuvent pénétrer dans le système. Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. 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 dessiccant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indique que ce fluide est du (GENERIC) AW HYDRAULIC OIL ISO 32. Veuillez confirmer.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0107525</b>	---	---
Sample Date		Client Info		<b>10 Apr 2024</b>	---	---
Machine Age	kms	Client Info		<b>45767</b>	---	---
Oil Age	kms	Client Info		<b>0</b>	---	---
Filter Age	kms	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>SEVERE</b>	---	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>40	<b>3</b>	---	---
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>8	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Tin	ppm	ASTM D5185(m)	>2	<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**

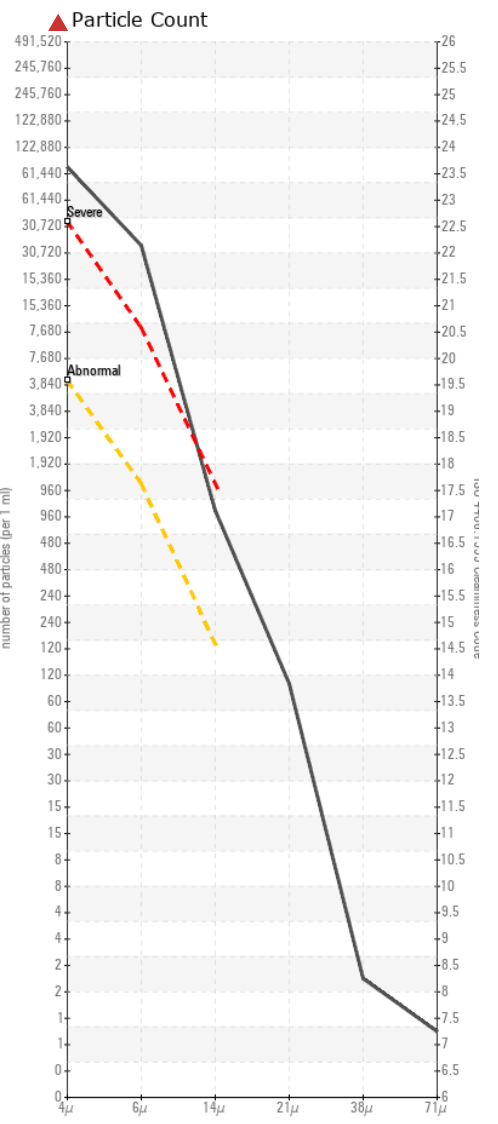
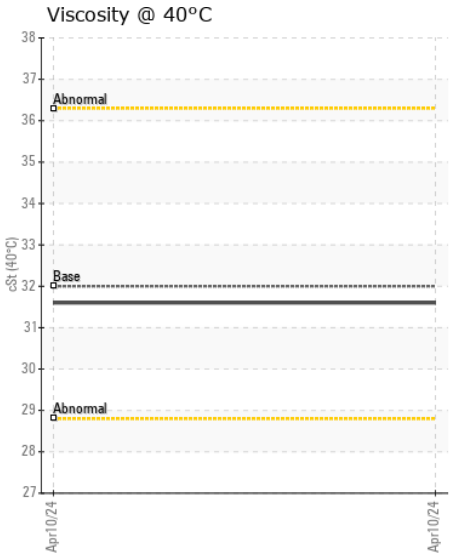
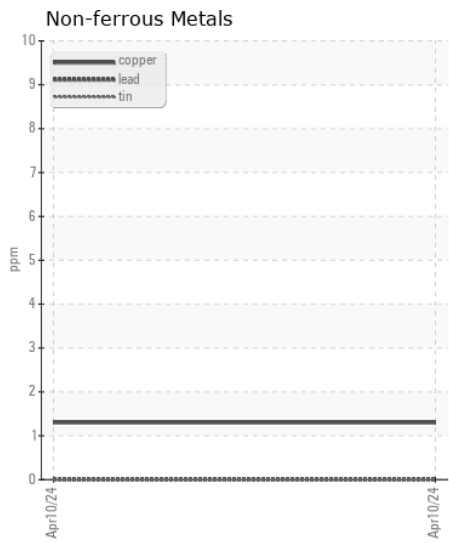
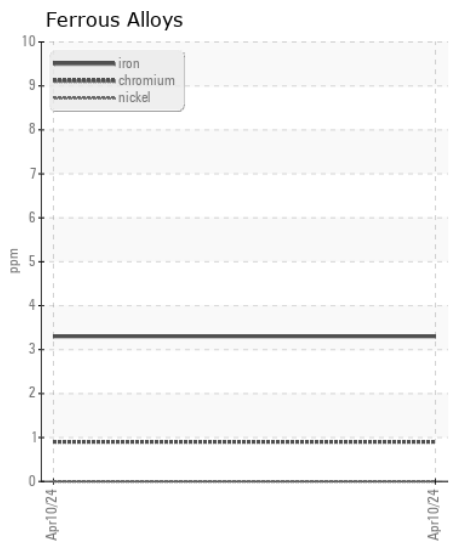
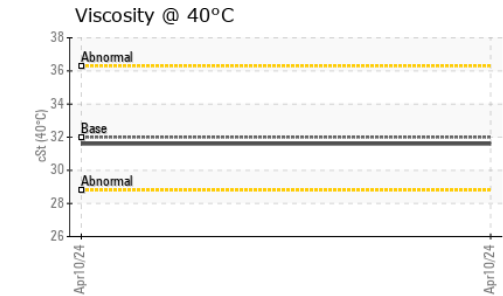
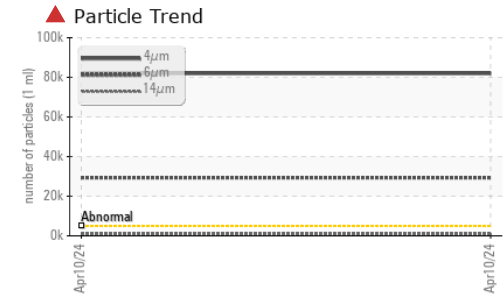
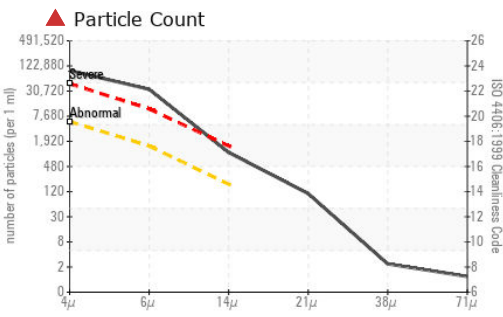
Il y a une quantité élevée de matières particulaires (2 à 100 µm de taille) présente dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Particles >4µm		ASTM D7647	>5000	<b>▲ 81950</b>	---	---
Particles >6µm		ASTM D7647	>1300	<b>▲ 29329</b>	---	---
Particles >14µm		ASTM D7647	>160	<b>▲ 915</b>	---	---
Particles >21µm		ASTM D7647	>40	<b>▲ 95</b>	---	---
Particles >38µm		ASTM D7647	>10	<b>2</b>	---	---
Particles >71µm		ASTM D7647	>3	<b>1</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>▲ 24/22/17</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	---	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>4</b>	---	---
Boron	ppm	ASTM D5185(m)	5	<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185(m)	5	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	5	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	25	<b>2</b>	---	---
Calcium	ppm	ASTM D5185(m)	200	<b>54</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	300	<b>335</b>	---	---
Zinc	ppm	ASTM D5185(m)	370	<b>429</b>	---	---
Sulfur	ppm	ASTM D5185(m)	2500	<b>768</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	32	<b>31.6</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0107525  
**Lab Number** : 02628878  
**Unique Number** : 5762010  
**Test Package** : MOB 1 ( Additional Tests: PrtCount )  
**Received** : 15 Apr 2024  
**Tested** : 16 Apr 2024  
**Diagnosed** : 16 Apr 2024 - Wes Davis

**GFL Environmental - 747 - GMA - Solid Waste**  
 4 Chemin du Tremblay,  
 Boucherville, QC  
 CA J4B 6Z5  
 Contact: Service Manager  
 llapierre@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.