

Machine Id  
**WL0055**  
Component  
**Hydraulic System**  
Fluid  
**SAE 10W (--- GAL)**

**RECOMMENDATION**

Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration.

**WEAR**

Nous avons noté une forte hausse du niveau de fer. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion. Les taux d'usure de tous les autres composants sont normaux.

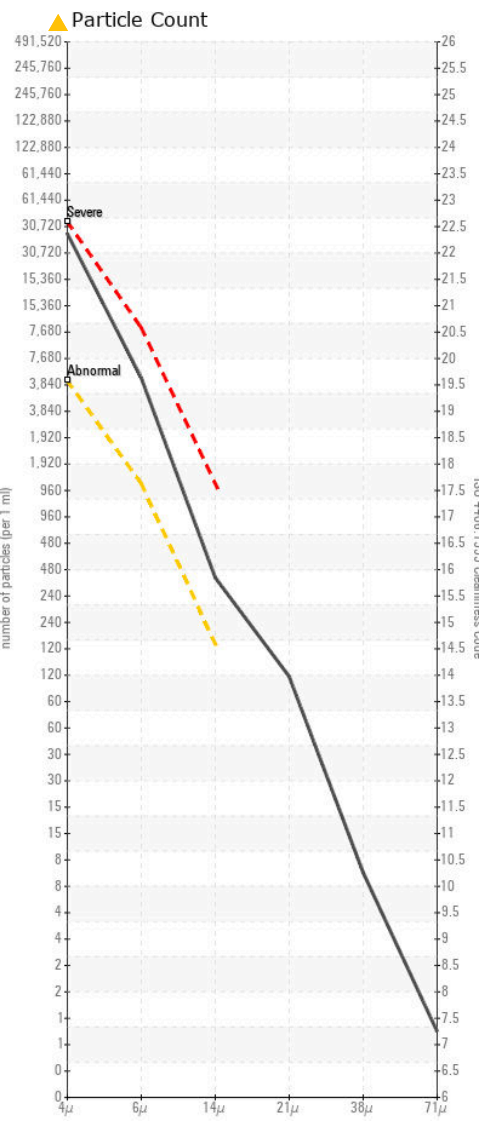
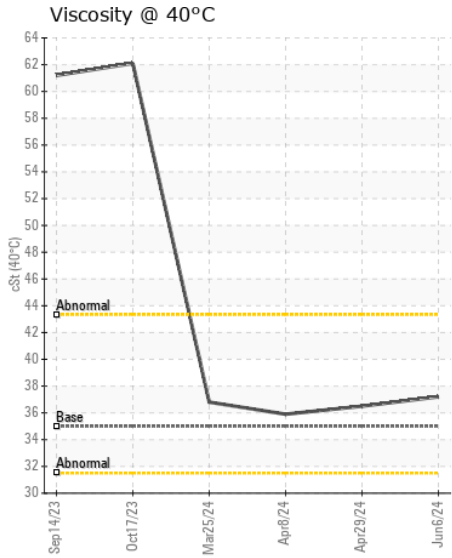
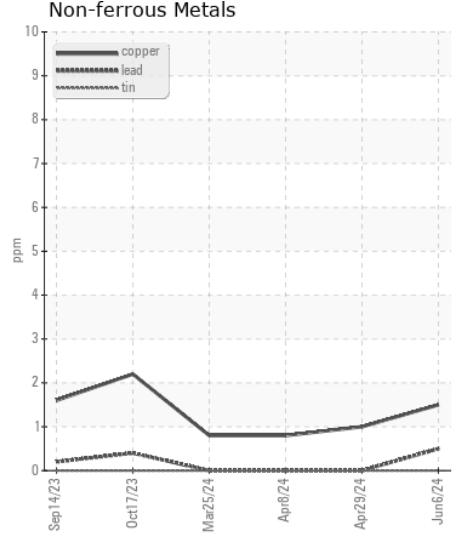
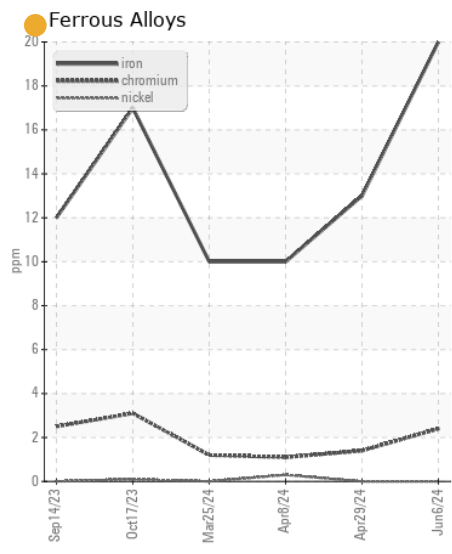
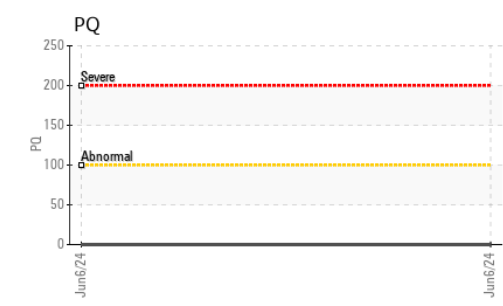
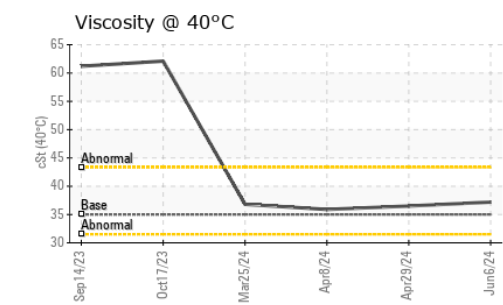
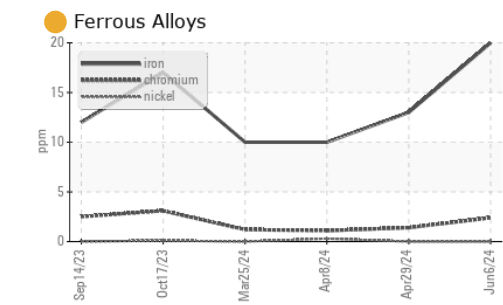
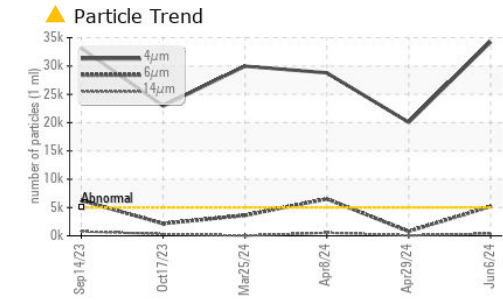
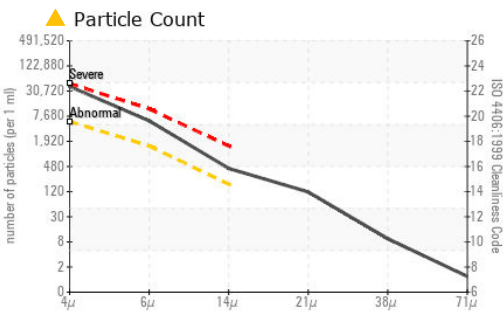
**CONTAMINATION**

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

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0118366</b>	GFL0118308	GFL0118320
Sample Date		Client Info		<b>06 Jun 2024</b>	29 Apr 2024	08 Apr 2024
Machine Age	kms	Client Info		<b>16226</b>	15859	15702
Oil Age	kms	Client Info		<b>0</b>	0	0
Filter Age	kms	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL
PQ		ASTM D8184*		<b>0</b>	---	---
Iron	ppm	ASTM D5185(m)	>20	<b>20</b>	13	10
Chromium	ppm	ASTM D5185(m)	>10	<b>2</b>	1	1
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>10	<b>1</b>	1	1
Lead	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185(m)	>75	<b>2</b>	1	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	<b>4</b>	2	2
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>5000	<b>34246</b>	20040	28791
Particles >6µm		ASTM D7647	>1300	<b>5185</b>	785	6517
Particles >14µm		ASTM D7647	>160	<b>380</b>	48	544
Particles >21µm		ASTM D7647	>40	<b>104</b>	12	128
Particles >38µm		ASTM D7647	>10	<b>8</b>	1	5
Particles >71µm		ASTM D7647	>3	<b>1</b>	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>22/20/16</b>	22/17/13	22/20/16
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>1</b>	<1	<1
Boron	ppm	ASTM D5185(m)		<b>3</b>	<1	1
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>11</b>	11	11
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	0
Magnesium	ppm	ASTM D5185(m)		<b>190</b>	192	197
Calcium	ppm	ASTM D5185(m)		<b>362</b>	281	290
Phosphorus	ppm	ASTM D5185(m)		<b>492</b>	482	478
Zinc	ppm	ASTM D5185(m)		<b>590</b>	583	590
Sulfur	ppm	ASTM D5185(m)		<b>1246</b>	1141	1137
Visc @ 40°C	cSt	ASTM D7279(m)	35.0	<b>37.2</b>	36.5	35.9



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0118366  
**Lab Number** : 02640557  
**Unique Number** : 5789719  
**Test Package** : MOB 1 ( Additional Tests: PQ, PrtCount )

**Received** : 07 Jun 2024  
**Tested** : 07 Jun 2024  
**Diagnosed** : 10 Jun 2024 - Kevin Marson  
**GFL Environmental - 743 - Montreal Est CD Processing**  
 10930 rue Sherbrooke  
 Montreal, QC  
 CA H1B 1B4

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.

Contact: Patrick Beaulieu  
 patrick.beaulieu@gflenv.com  
 T:  
 F: