



Machine Id  
**WL0056**  
Component  
**Hydraulic System**  
Fluid  
**SAE 10W (--- GAL)**

### RECOMMENDATION

Nous recommandons le remplacement des filtres de ce composant. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Nous vous recommandons d'échantillonner de nouveau dès que possible 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.

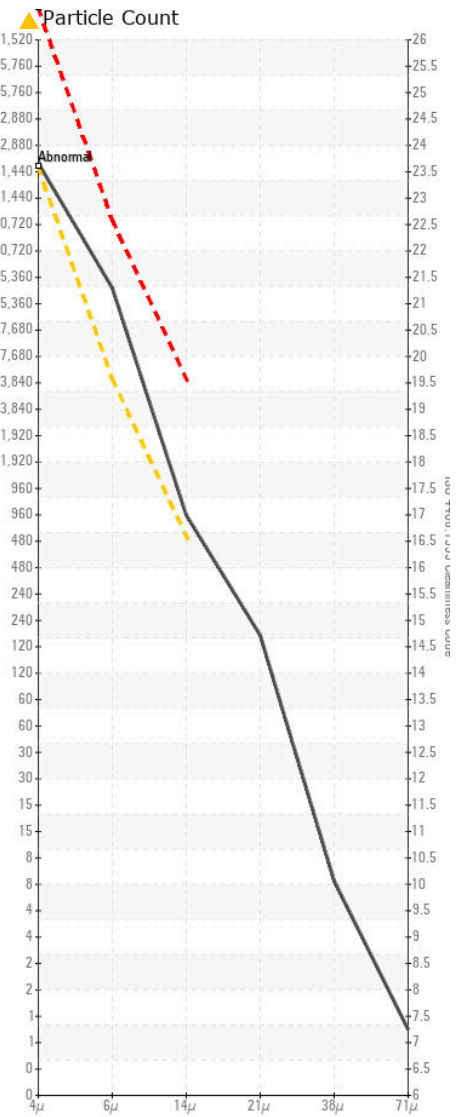
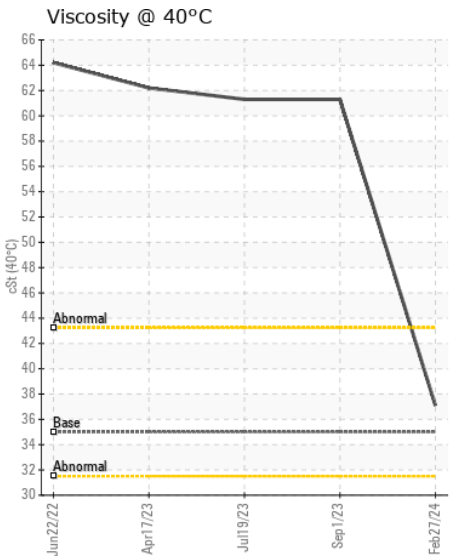
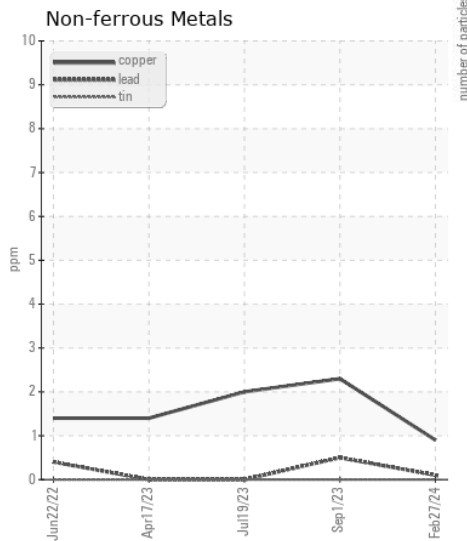
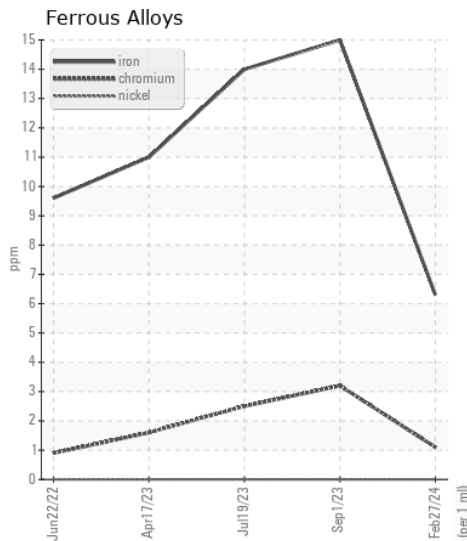
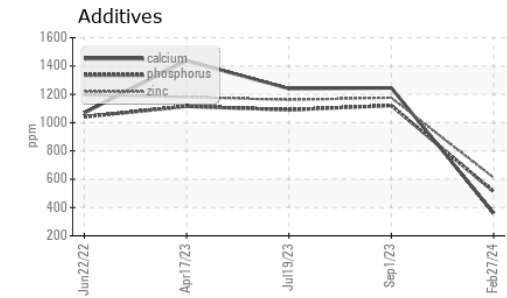
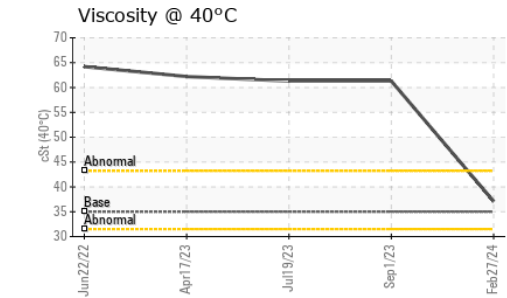
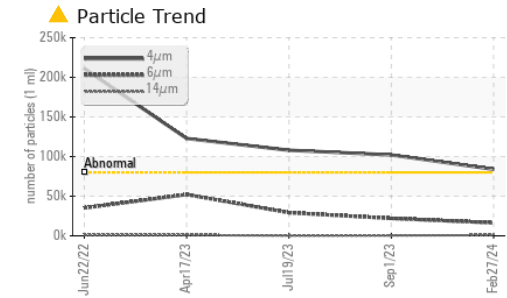
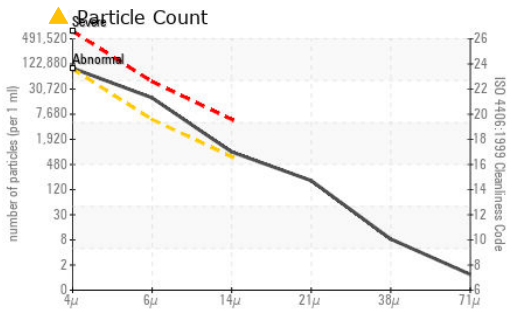
### CONTAMINATION

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

### FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. 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>GFL0067516</b>	GFL0067495	GFL0071883
Sample Date		Client Info		<b>27 Feb 2024</b>	01 Sep 2023	19 Jul 2023
Machine Age	kms	Client Info		<b>0</b>	17700	17361
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
Iron	ppm	ASTM D5185(m)	>71	<b>6</b>	15	14
Chromium	ppm	ASTM D5185(m)	>11	<b>1</b>	3	2
Nickel	ppm	ASTM D5185(m)	>6	<b>0</b>	0	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>11	<b>2</b>	4	4
Lead	ppm	ASTM D5185(m)	>13	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185(m)	>21	<b>&lt;1</b>	2	2
Tin	ppm	ASTM D5185(m)	>5	<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)	>24	<b>4</b>	13	12
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	1	1
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>80000	<b>83953</b>	102080	108002
Particles >6µm		ASTM D7647	>5000	<b>16413</b>	22003	29183
Particles >14µm		ASTM D7647	>640	<b>840</b>	412	242
Particles >21µm		ASTM D7647	>160	<b>174</b>	112	60
Particles >38µm		ASTM D7647	>40	<b>7</b>	6	2
Particles >71µm		ASTM D7647	>10	<b>1</b>	4	0
Oil Cleanliness		ISO 4406 (c)	>23/19/16	<b>24/21/17</b>	24/22/16	24/22/15
Silt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
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*	>0.075	<b>NEG</b>	NEG	.2%
Sodium	ppm	ASTM D5185(m)	>21	<b>&lt;1</b>	3	3
Boron	ppm	ASTM D5185(m)		<b>3</b>	11	10
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>13</b>	53	51
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>208</b>	859	846
Calcium	ppm	ASTM D5185(m)		<b>360</b>	1245	1240
Phosphorus	ppm	ASTM D5185(m)		<b>513</b>	1121	1090
Zinc	ppm	ASTM D5185(m)		<b>611</b>	1176	1160
Sulfur	ppm	ASTM D5185(m)		<b>1297</b>	2694	2637
Visc @ 40°C	cSt	ASTM D7279(m)	35.0	<b>37.1</b>	61.3	61.3



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0067516  
**Lab Number** : 02618715  
**Unique Number** : 5735825  
**Test Package** : MOB 1 ( Additional Tests: PrtCount )

**Received** : 28 Feb 2024  
**Tested** : 29 Feb 2024  
**Diagnosed** : 29 Feb 2024 - Kevin Marson  
**GFL Environmental - 743 - Montreal Est CD Processing**  
 10930 rue Sherbrooke  
 Montreal, QC  
 CA H1B 1B4  
 Contact: Patrick Beaulieu  
 patrick.beaulieu@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.