



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



Area  
**EXCAVATION J.L.**  
Machine Id  
**WL0054**  
Component  
**Rear Differential**  
Fluid  
**DIESEL ENGINE OIL SAE 30 (--- GAL)**

**RECOMMENDATION**

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indique que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 30. Veuillez confirmer.

**WEAR**

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

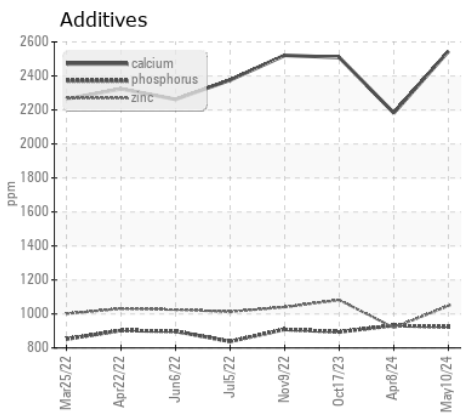
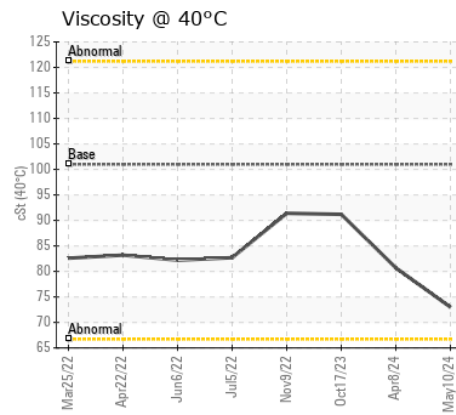
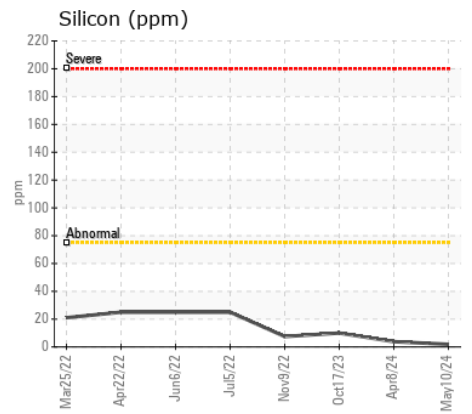
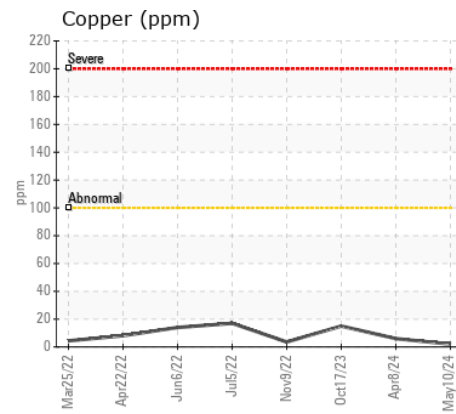
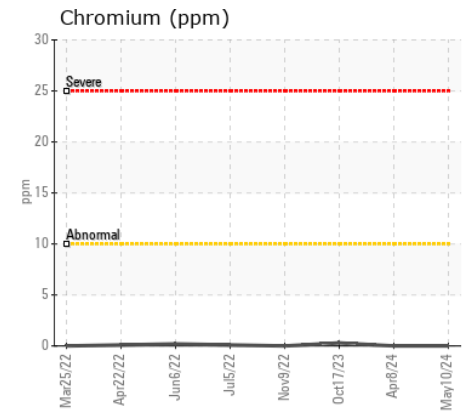
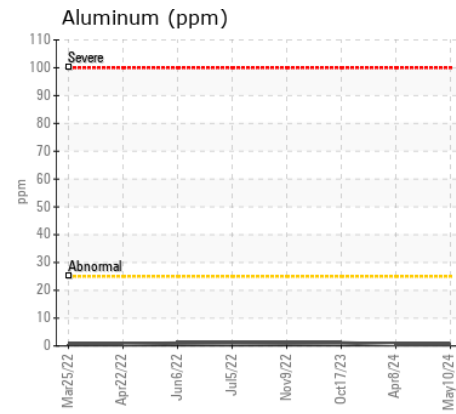
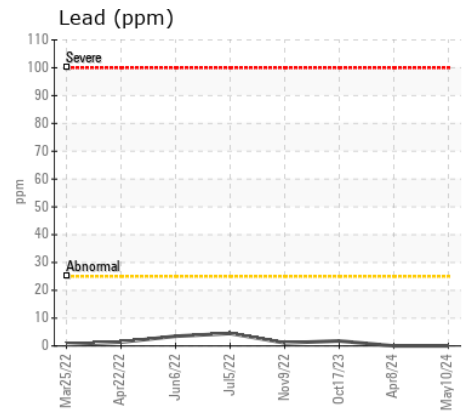
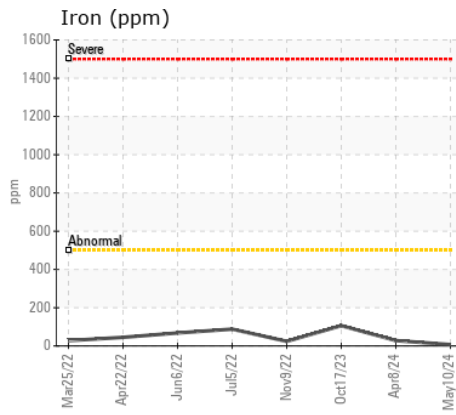
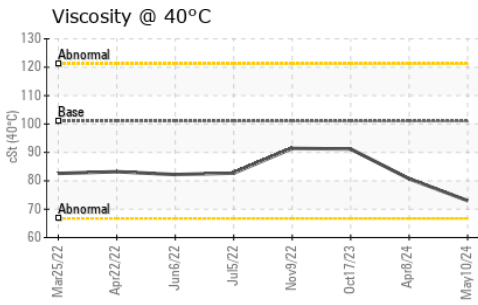
**CONTAMINATION**

Il n'y a aucun indice de contamination dans l'huile.

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0118355</b>	GFL0118343	GFL0067471
Sample Date		Client Info		<b>10 May 2024</b>	08 Apr 2024	17 Oct 2023
Machine Age	hrs	Client Info		<b>22231</b>	22063	21068
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	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>NORMAL</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>500	<b>7</b>	28	106
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	<1	1
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	0	2
Copper	ppm	ASTM D5185(m)	>100	<b>2</b>	6	15
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
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)	>75	<b>2</b>	4	10
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	<1	<1
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>VLITE</b>	VLITE	NONE
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*	>.2	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)	>75	<b>1</b>	<1	2
Boron	ppm	ASTM D5185(m)	250	<b>24</b>	41	2
Barium	ppm	ASTM D5185(m)	10	<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185(m)	100	<b>6</b>	7	3
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	450	<b>85</b>	115	47
Calcium	ppm	ASTM D5185(m)	3000	<b>2545</b>	2182	2509
Phosphorus	ppm	ASTM D5185(m)	1150	<b>923</b>	932	894
Zinc	ppm	ASTM D5185(m)	1350	<b>1048</b>	919	1082
Sulfur	ppm	ASTM D5185(m)	4250	<b>4276</b>	6815	9929
Visc @ 40°C	cSt	ASTM D7279(m)	101	<b>73.0</b>	80.7	91.2



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0118355  
**Lab Number** : 02635757  
**Unique Number** : 5776910  
**Test Package** : MOB 1

**Received** : 15 May 2024  
**Tested** : 15 May 2024  
**Diagnosed** : 15 May 2024 - Wes Davis  
**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.

T:  
F: