



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
EXCAVATION J.L.
Machine Id
WL0054
Component
Rear Differential
Fluid
SAE 30W (--- 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		GFL0118343	GFL0067471	GFL0056257
Sample Date		Client Info		08 Apr 2024	17 Oct 2023	09 Nov 2022
Machine Age	hrs	Client Info		22063	21068	19290
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>500	28	106	24
Chromium	ppm	ASTM D5185(m)	>10	0	<1	0
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<1	1	1
Lead	ppm	ASTM D5185(m)	>25	0	2	1
Copper	ppm	ASTM D5185(m)	>100	6	15	4
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

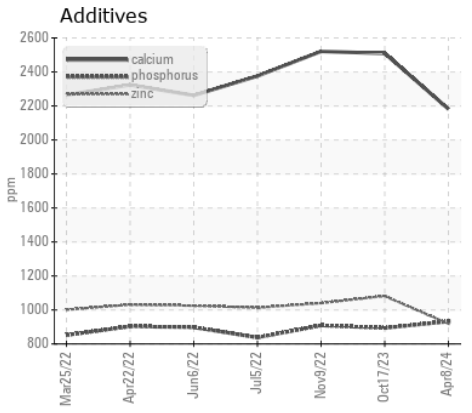
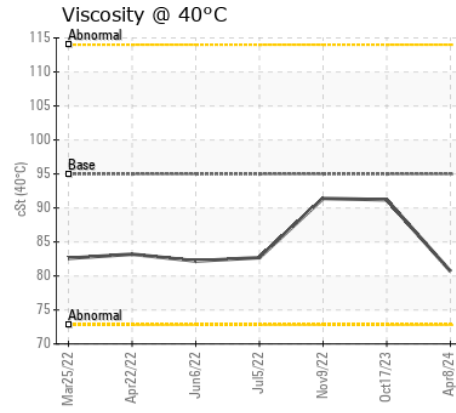
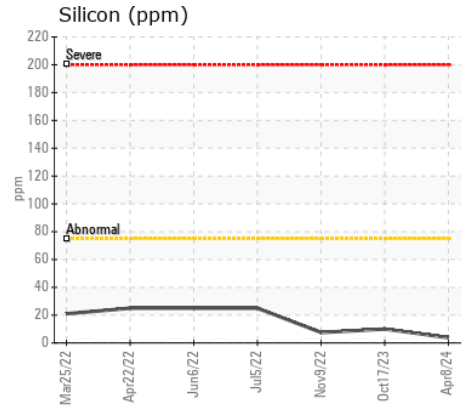
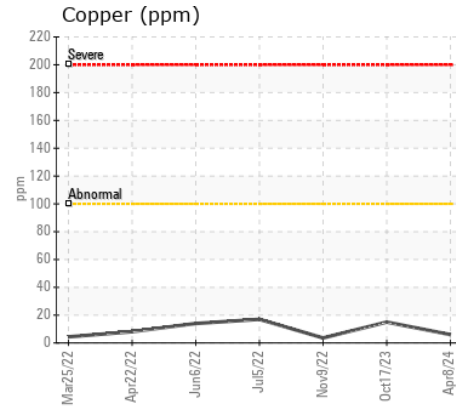
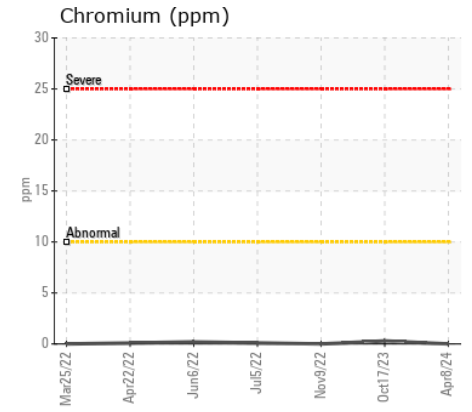
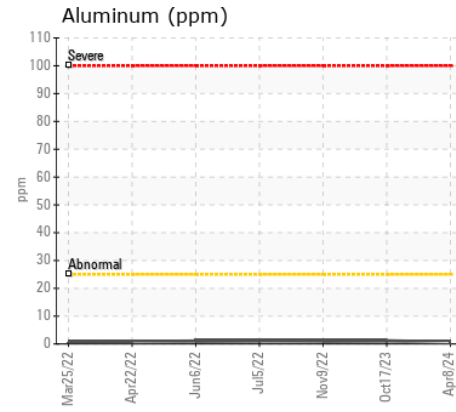
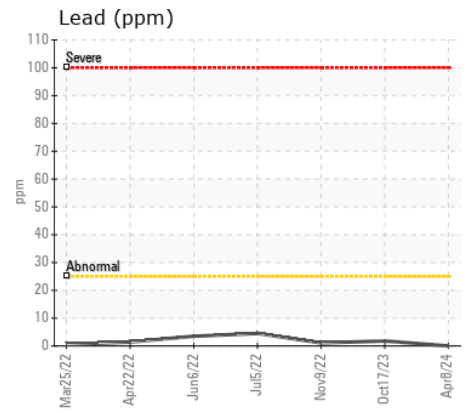
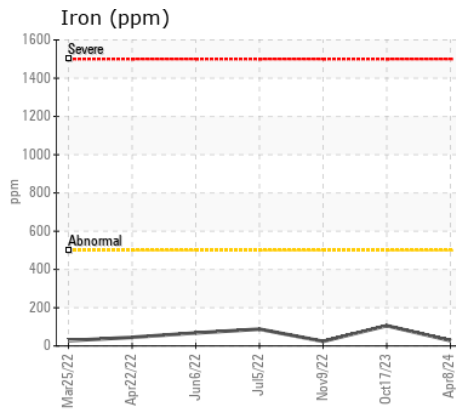
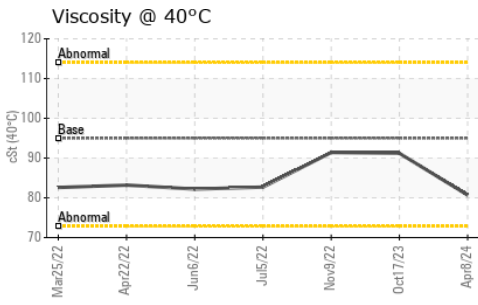
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	4	10	8
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	0
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<1	2	<1
Boron	ppm	ASTM D5185(m)		41	2	1
Barium	ppm	ASTM D5185(m)		0	<1	0
Molybdenum	ppm	ASTM D5185(m)		7	3	3
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		115	47	41
Calcium	ppm	ASTM D5185(m)		2182	2509	2521
Phosphorus	ppm	ASTM D5185(m)		932	894	909
Zinc	ppm	ASTM D5185(m)		919	1082	1040
Sulfur	ppm	ASTM D5185(m)		6815	9929	9495
Visc @ 40°C	cSt	ASTM D7279(m)	95.0	80.7	91.2	91.4



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0118343
Lab Number : 02628275
Unique Number : 5761407
Test Package : MOB 1

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: