



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
EXCAVATION J.L.
Machine Id
WL0054
Component
Hydraulic System
Fluid
SAE 10W (--- 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		GFL0118356	GFL0118344	GFL0067467
Sample Date		Client Info		10 May 2024	08 Apr 2024	17 Oct 2023
Machine Age	hrs	Client Info		22231	22063	21068
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		None	None	None
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>71	6	5	6
Chromium	ppm	ASTM D5185(m)	>11	2	2	<1
Nickel	ppm	ASTM D5185(m)	>6	0	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>11	<1	<1	2
Lead	ppm	ASTM D5185(m)	>13	0	0	<1
Copper	ppm	ASTM D5185(m)	>21	1	1	3
Tin	ppm	ASTM D5185(m)	>5	0	0	0
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

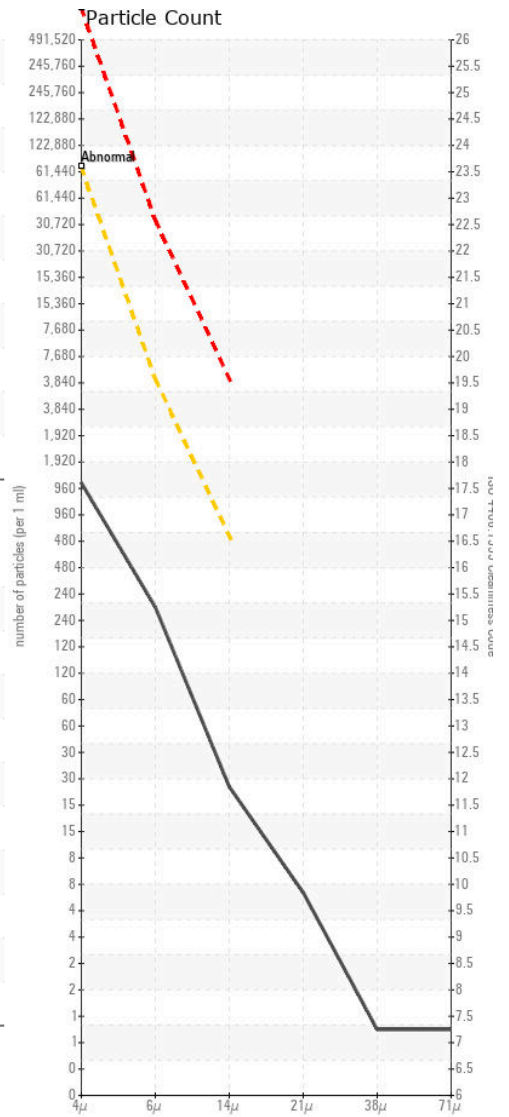
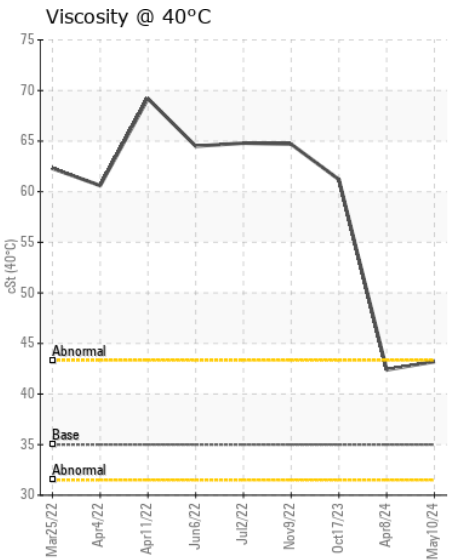
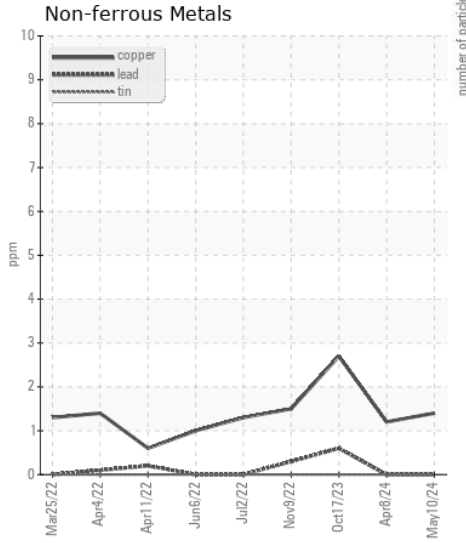
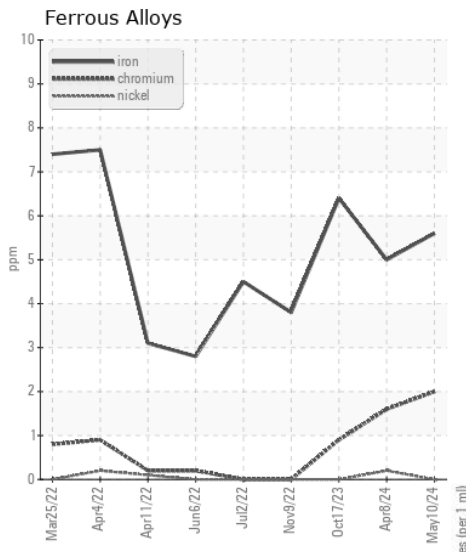
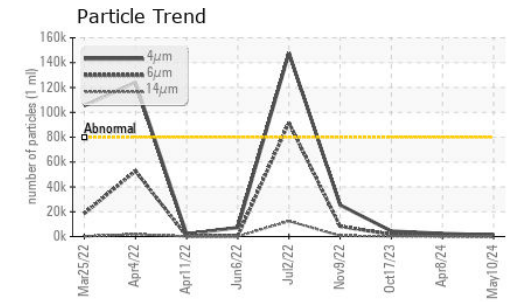
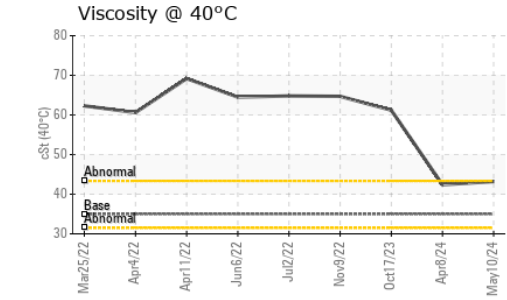
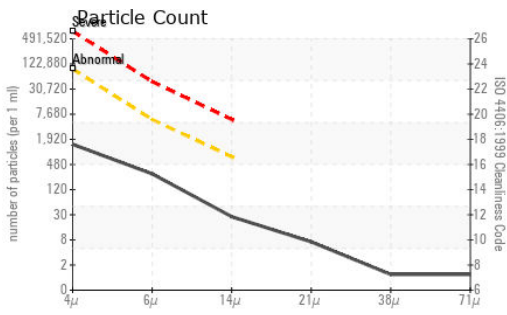
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable.

Silicon	ppm	ASTM D5185(m)	>24	2	2	7
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>80000	1280	2446	4400
Particles >6µm		ASTM D7647	>5000	252	718	1673
Particles >14µm		ASTM D7647	>640	24	57	216
Particles >21µm		ASTM D7647	>160	6	15	58
Particles >38µm		ASTM D7647	>40	1	2	4
Particles >71µm		ASTM D7647	>10	1	1	1
Oil Cleanliness		ISO 4406 (c)	>23/19/16	17/15/12	18/17/13	19/18/15
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>21	2	2	4
Boron	ppm	ASTM D5185(m)		2	2	4
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		21	20	54
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		341	334	876
Calcium	ppm	ASTM D5185(m)		503	500	1216
Phosphorus	ppm	ASTM D5185(m)		596	579	1026
Zinc	ppm	ASTM D5185(m)		697	695	1187
Sulfur	ppm	ASTM D5185(m)		1506	1463	2780
Visc @ 40°C	cSt	ASTM D7279(m)	35.0	43.2	42.4	▲ 61.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0118356
Lab Number : 02635688
Unique Number : 5776841
Test Package : MOB 1 (Additional Tests: PrtCount)

Received : 15 May 2024
Tested : 16 May 2024
Diagnosed : 17 May 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.