



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
EXCAVATION J.L.
Machine Id
WL0054
Component
Front 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.

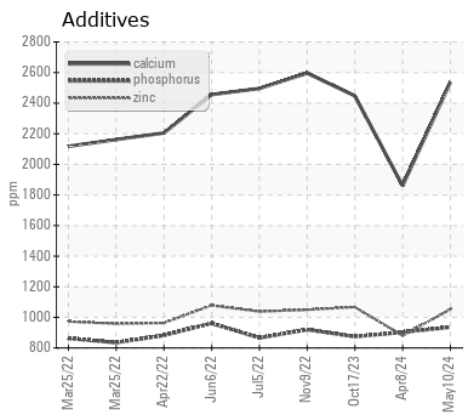
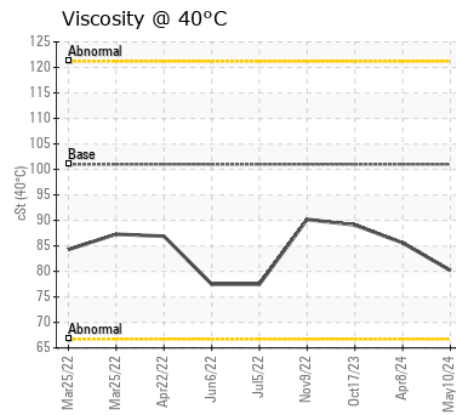
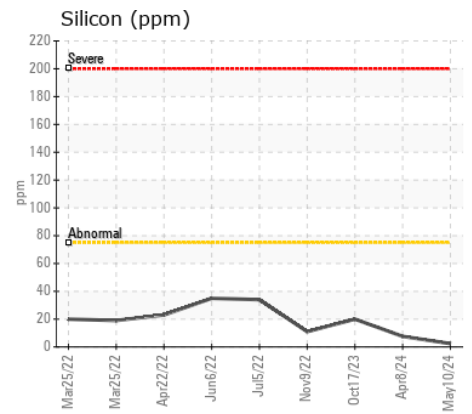
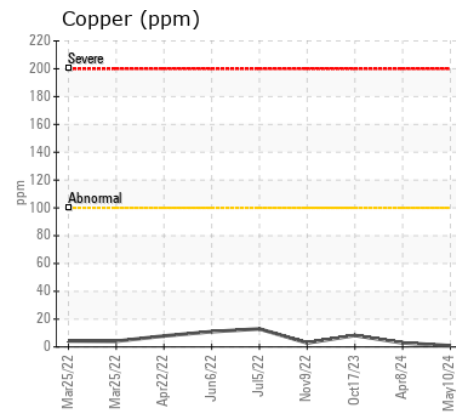
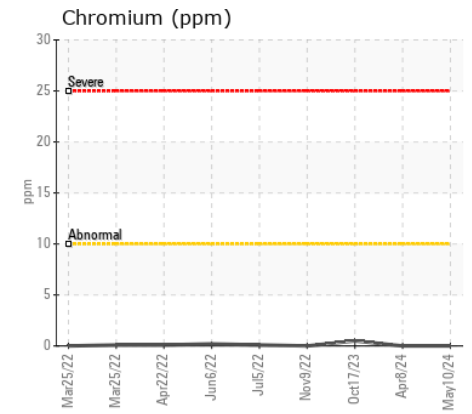
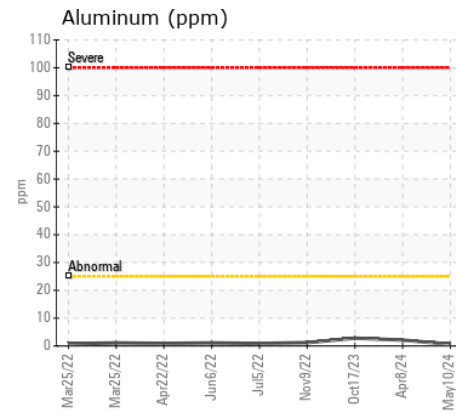
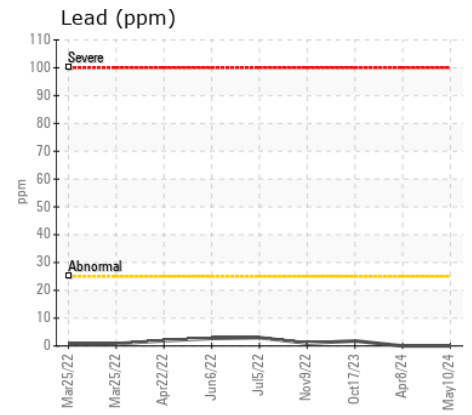
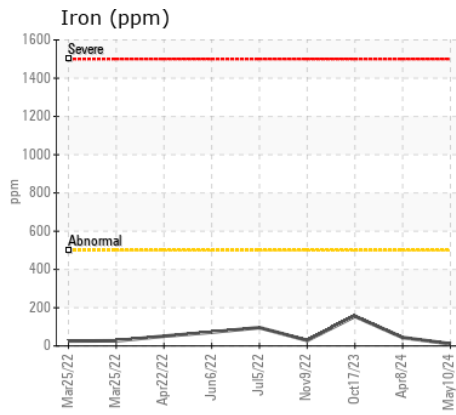
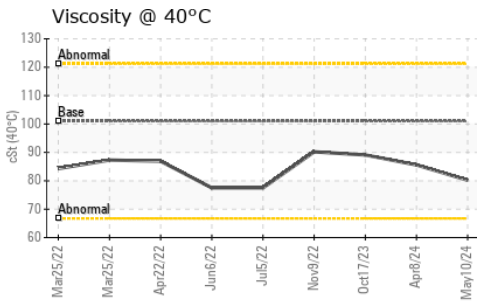
CONTAMINATION

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		GFL0118354	GFL0118342	GFL0067470
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		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>500	11	44	155
Chromium	ppm	ASTM D5185(m)	>10	0	0	<1
Nickel	ppm	ASTM D5185(m)	>10	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	<1	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	<1	2	3
Lead	ppm	ASTM D5185(m)	>25	0	0	2
Copper	ppm	ASTM D5185(m)	>100	<1	3	8
Tin	ppm	ASTM D5185(m)	>10	0	0	<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
Silicon	ppm	ASTM D5185(m)	>75	2	8	20
Potassium	ppm	ASTM D5185(m)	>20	<1	4	1
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	VLITE	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
Sodium	ppm	ASTM D5185(m)	>75	2	8	2
Boron	ppm	ASTM D5185(m)	250	28	47	7
Barium	ppm	ASTM D5185(m)	10	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	100	6	12	2
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)	450	85	176	42
Calcium	ppm	ASTM D5185(m)	3000	2536	1860	2447
Phosphorus	ppm	ASTM D5185(m)	1150	936	903	874
Zinc	ppm	ASTM D5185(m)	1350	1052	880	1067
Sulfur	ppm	ASTM D5185(m)	4250	4771	6640	9455
Visc @ 40°C	cSt	ASTM D7279(m)	101	80.2	85.6	89.1



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 743 - Montreal Est CD Processing**
Sample No. : GFL0118354 **Received** : 15 May 2024 10930 rue Sherbrooke
Lab Number : 02635758 **Tested** : 15 May 2024 Montreal, QC
Unique Number : 5776911 **Diagnosed** : 15 May 2024 - Wes Davis CA H1B 1B4
Test Package : MOB 1 **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: