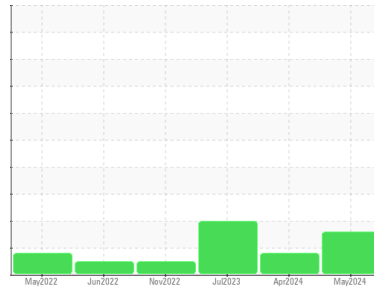




COOLANT REPORT

Sample Rating Trend



APPEARANCE



Machine Id
WL0056

Component
Coolant

Fluid
EXTENDED LIFE COOLANT (--- GAL)

DIAGNOSIS

Recommendation

Nous vous recommandons de vérifier tous les endroits par lesquels des contaminants peuvent pénétrer dans le système. Nous vous recommandons de vidanger l'agent de refroidissement de ce composant si vous ne l'avez pas déjà fait. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Corrosion

Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement.

Contaminants

L'échantillon contenait une couche d'un autre fluide don't l'origine et/ou le type est inconnu.

Coolant Condition

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable. l'agent de refroidissement ne peut plus être utilisée en raison de la présence de contaminants.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0118363	GFL0118326	GFL0071882
Sample Date	Client Info	10 May 2024	11 Apr 2024	19 Jul 2023
Machine Age	kms Client Info	0	19189	17361
Oil Age	kms Client Info	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		ABNORMAL	ABNORMAL	ABNORMAL

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Glycol Type	FT-IR	UNK	UNK	---
Specific Gravity	ASTM D1298*	1.067	1.067	1.064
pH	Scale 0-14 ASTM D1287* 9.0	7.58	7.58	▲ 6.57
Nitrites	ppm Alcan Test Kit*	400	440	960
Reserve Alkalinity	Scale 0-20 ASTM D1121*	5.0	4.6	7.4
Percentage Glycol	% ASTM D3321*	49.6	49.6	47.4
Freezing Point	°C ASTM D3321* -40	-36	-36	-28
Carboxylate		---	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	66	64	87
Phosphorus	ppm ASTM D5185(m)	114	108	117
Boron	ppm ASTM D5185(m)	351	374	498
Molybdenum	ppm ASTM D5185(m)	130	106	54

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >15	2	2	5
Aluminum	ppm ASTM D5185(m) >10	<1	2	0
Copper	ppm ASTM D5185(m) >10	<1	2	4
Lead	ppm ASTM D5185(m) >10	0	0	6
Tin	ppm ASTM D5185(m) >10	0	0	2
Silver	ppm ASTM D5185(m) >10	<1	<1	0
Zinc	ppm ASTM D5185(m)	3	1	1

CARRIER SALTS

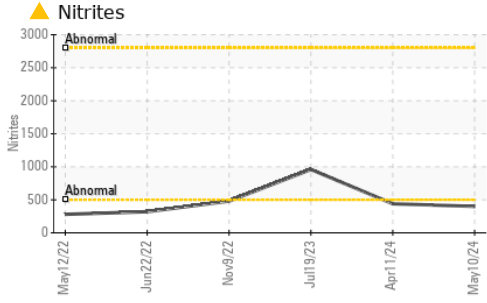
method	limit/base	current	history1	history2
Sodium	ppm ASTM D5185(m)	4107	3635	2259
Potassium	ppm ASTM D5185(m)	372	372	376

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D5185(m) >100	11	3	11
Magnesium	ppm ASTM D5185(m) >40	3	2	4
Hardness	mg/L CaCO3 In-house* <75	39	14	43

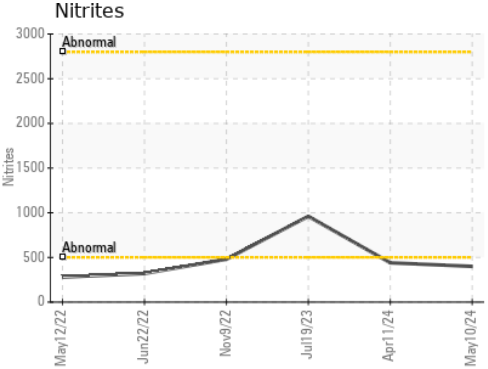
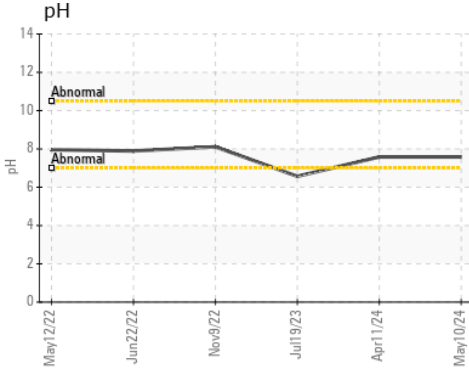
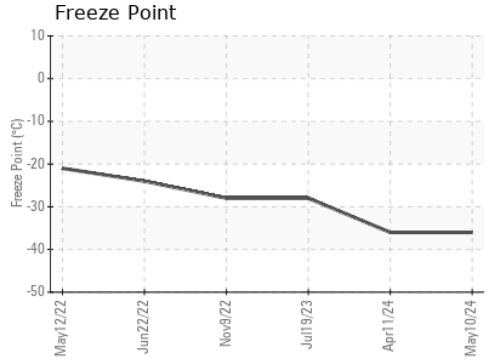
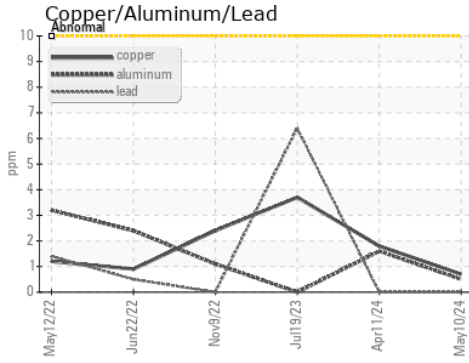
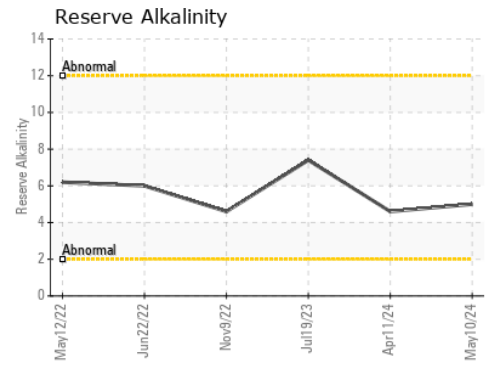
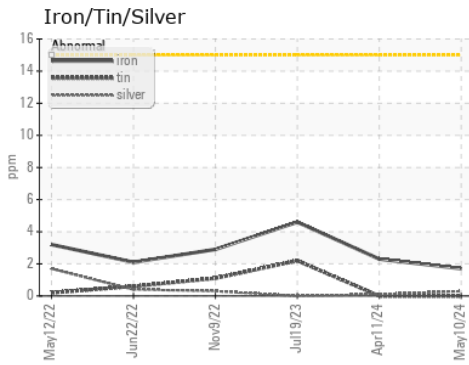


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Orange/R	Orange	---	Orange
Coolant Appearance	Visual*	Clear	Very cld	---	Very cld
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 743 - Montreal Est CD Processing
Sample No. : GFL0118363 **Received** : 15 May 2024 10930 rue Sherbrooke
Lab Number : 02635890 **Tested** : 16 May 2024 Montreal, QC
Unique Number : 5785052 **Diagnosed** : 17 May 2024 - Kevin Marson CA H1B 1B4
Test Package : COOL (Additional Tests: GlycolType) 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.