



Machine Id
FREIGHTLINER 422066
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- 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		GFL0094611	---	---
Sample Date		Client Info		07 May 2024	---	---
Machine Age	hrs	Client Info		4934	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	1	---	---
Aluminum	ppm	ASTM D5185(m)	>10	5	---	---
Copper	ppm	ASTM D5185(m)	>10	3	---	---
Lead	ppm	ASTM D5185(m)	>10	0	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Silver	ppm	ASTM D5185(m)	>10	<1	---	---
Zinc	ppm	ASTM D5185(m)	>10	2	---	---

CONTAMINANTS

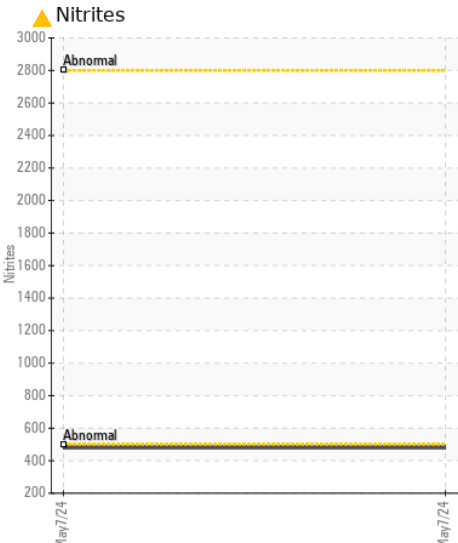
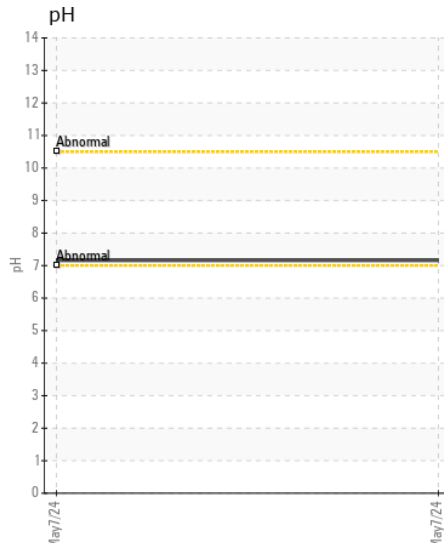
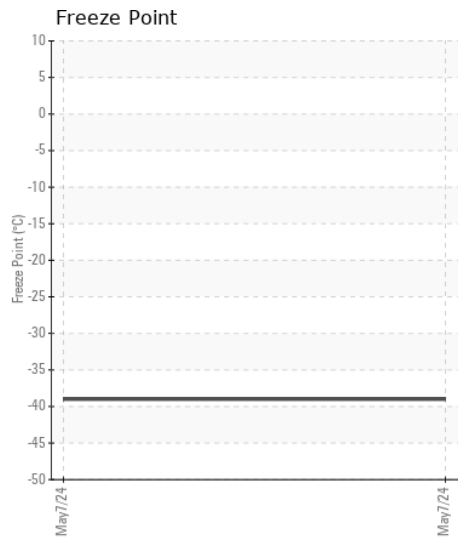
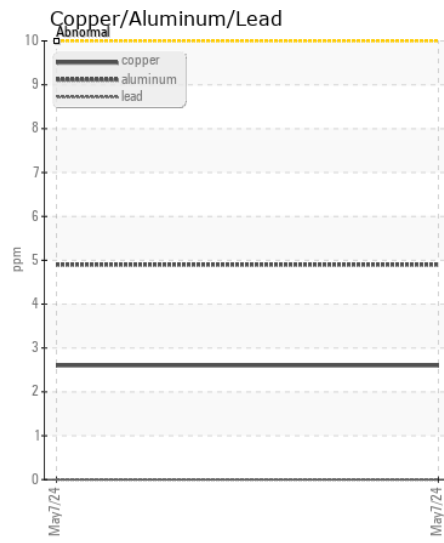
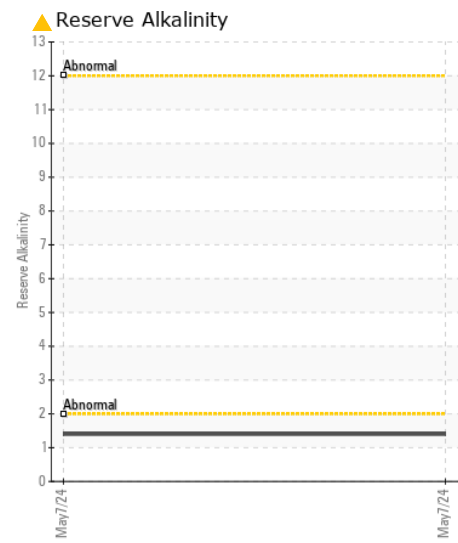
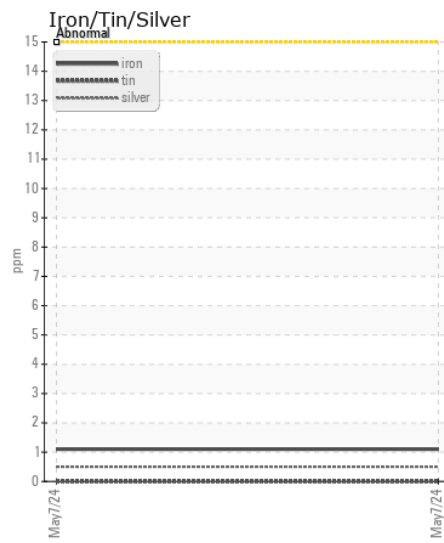
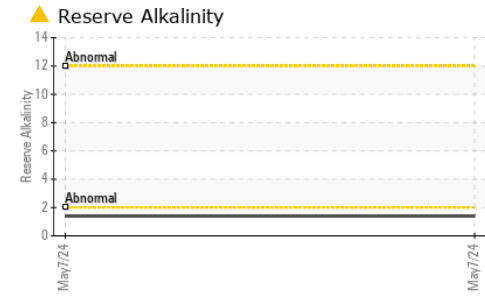
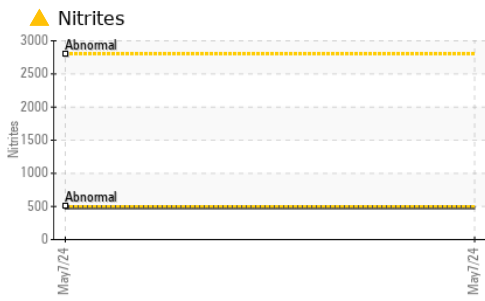
Il n'y a aucun indice de contamination dans l'agent de refroidissement.

Calcium	ppm	ASTM D5185(m)	>100	8	---	---
Magnesium	ppm	ASTM D5185(m)	>40	5	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Coolant Appearance		Visual*	Clear	Cloudy	---	---

COOLANT CONDITION

La réserve d'alcalinité de ce fluide est anormalement basse. Le bas niveau de nitrites indique une réduction de la protection contre la cavitation qui peut entraîner de la corrosion et la formation d'ammoniaque. Le niveau de pH de ce fluide est dans les limites acceptables.

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.069	---	---
pH	Scale 0-14	ASTM D1287*	9.0	7.16	---	---
Nitrites	ppm	Alcan Test Kit*		▲ 480	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		▲ 1.4	---	---
Percentage Glycol	%	ASTM D3321*	50	51.9	---	---
Freezing Point	°C	ASTM D3321*	-40	-39	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		45	---	---
Phosphorus	ppm	ASTM D5185(m)		10	---	---
Boron	ppm	ASTM D5185(m)		33	---	---
Molybdenum	ppm	ASTM D5185(m)		308	---	---
Sodium	ppm	ASTM D5185(m)		5987	---	---
Potassium	ppm	ASTM D5185(m)		3651	---	---
Coolant Color		Visual*	Orange/R	Orange	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0094611
Lab Number : 02634786
Unique Number : 5775939
Test Package : COOL (Additional Tests: GlycolType)

GFL Environmental 791MAT - Matane
 29 rue Brilliant
 Matane, QC
 CA G4W 0J7
 Contact: B Berube
 bberube@matrec.ca

*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.*