



Machine Id
FREIGHTLINER 420132
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- LTR)

RECOMMENDATION

Nous recommandons la vidange du système et le remplissage avec un mélange 50/50 d'antigel longue durée et d'eau. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0113455	---	---
Sample Date		Client Info		01 Apr 2024	---	---
Machine Age	hrs	Client Info		2720	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Sample Status				ABNORMAL	---	---

CORROSION

La concentration des métaux est élevée indiquant la présence de corrosion dans le système.

Iron	ppm	ASTM D5185(m)	>15	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>10	2	---	---
Copper	ppm	ASTM D5185(m)	>10	▲ 40	---	---
Lead	ppm	ASTM D5185(m)	>10	<1	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Silver	ppm	ASTM D5185(m)	>10	<1	---	---
Zinc	ppm	ASTM D5185(m)	>10	64	---	---

CONTAMINANTS

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

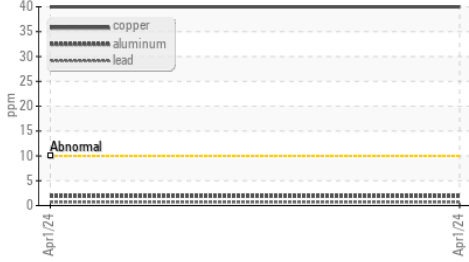
Calcium	ppm	ASTM D5185(m)	>100	11	---	---
Magnesium	ppm	ASTM D5185(m)	>40	4	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Coolant Appearance		Visual*	Clear	Clear	---	---

COOLANT CONDITION

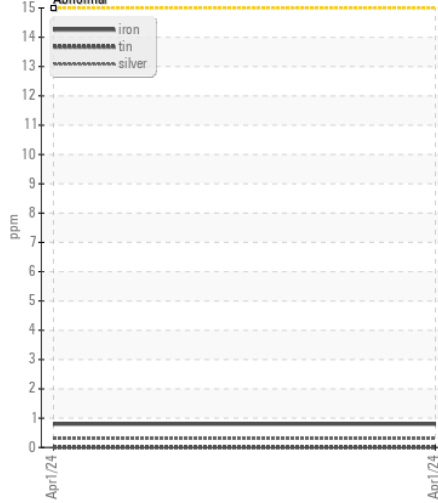
Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

Boiling Point	°C	WC Method*		109	---	---
Specific Gravity		ASTM D1298*		1.076	---	---
pH	Scale 0-14	ASTM D1287*	9.0	7.36	---	---
Nitrites	ppm	Alcan Test Kit*		320	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		8.1	---	---
Percentage Glycol	%	ASTM D3321*	50	56.9	---	---
Freezing Point	°C	ASTM D3321*	-40	-46	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		5	---	---
Phosphorus	ppm	ASTM D5185(m)		82	---	---
Boron	ppm	ASTM D5185(m)		11	---	---
Molybdenum	ppm	ASTM D5185(m)		15	---	---
Sodium	ppm	ASTM D5185(m)		251	---	---
Potassium	ppm	ASTM D5185(m)		8382	---	---
Coolant Color		Visual*	Orange/R	Red	---	---

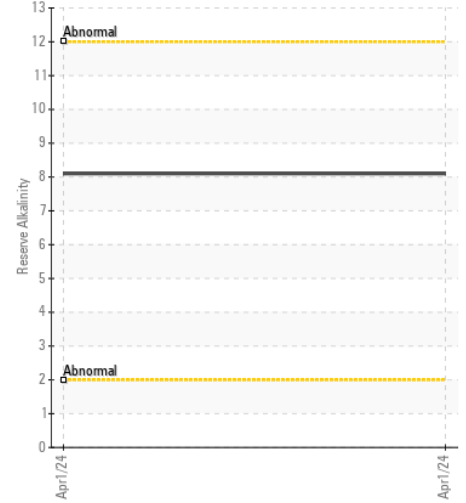
▲ Copper/Aluminum/Lead



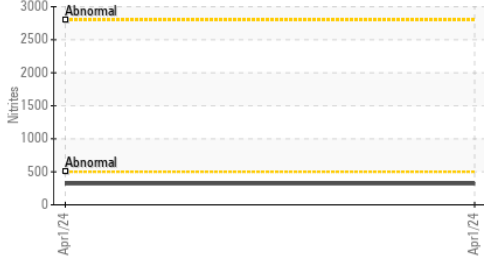
Iron/Tin/Silver



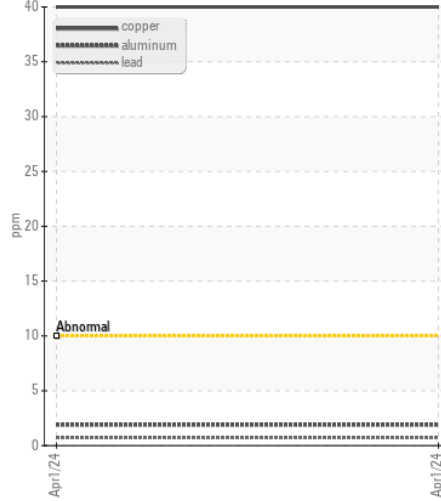
Reserve Alkalinity



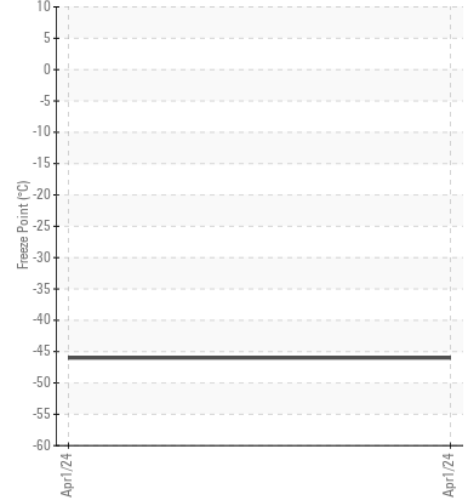
Nitrites



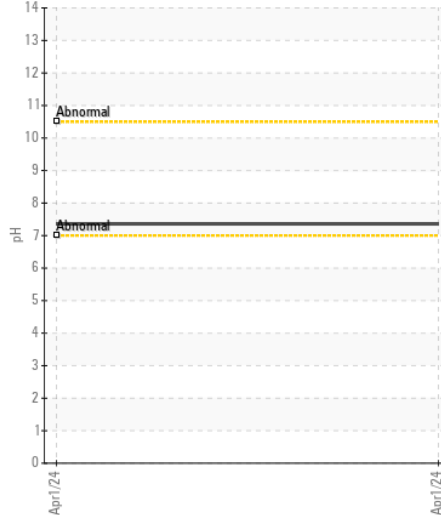
▲ Copper/Aluminum/Lead



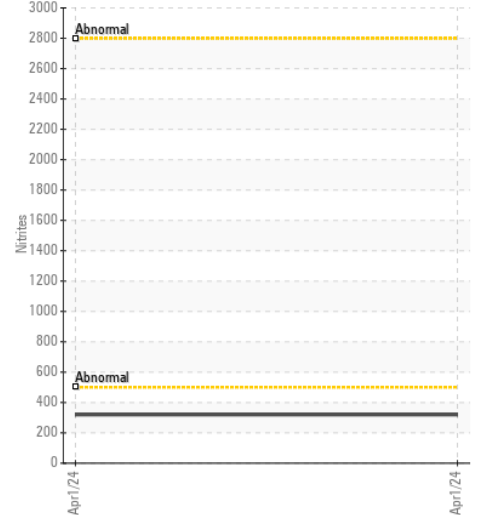
Freeze Point



pH



Nitrites



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0113455
Lab Number : 02627531
Unique Number : 5760663
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.