



Machine Id
EX0363

Component
Coolant

Fluid
CONVENTIONAL COOLANT (--- GAL)

RECOMMENDATION

Nous vous conseillons de reconstituer les additifs refroidisseurs supplémentaires, (SCA - supplemental coolant additives) et d'en ajouter selon les recommandations du fabricant. 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		GFL0118331	GFL0067510	---
Sample Date		Client Info		11 Apr 2024	12 Feb 2024	---
Machine Age	hrs	Client Info		16875	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	NORMAL	---

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	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>10	6	3	---
Copper	ppm	ASTM D5185(m)	>10	<1	0	---
Lead	ppm	ASTM D5185(m)	>10	0	0	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Silver	ppm	ASTM D5185(m)	>10	0	3	---
Zinc	ppm	ASTM D5185(m)	>10	<1	4	---

CONTAMINANTS

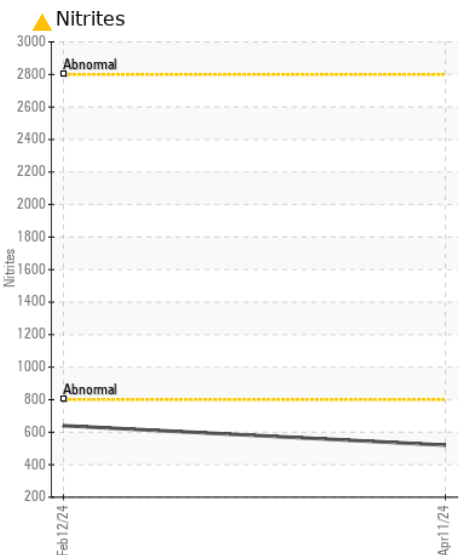
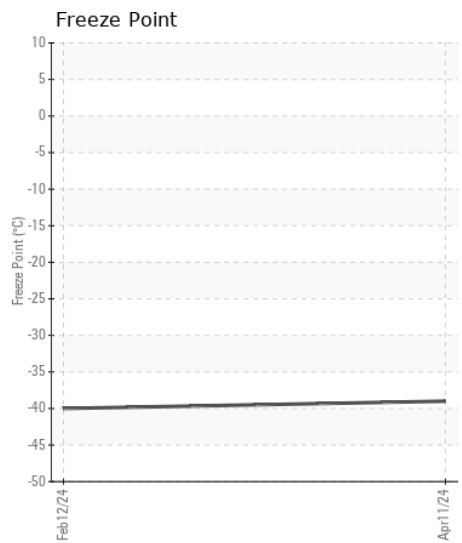
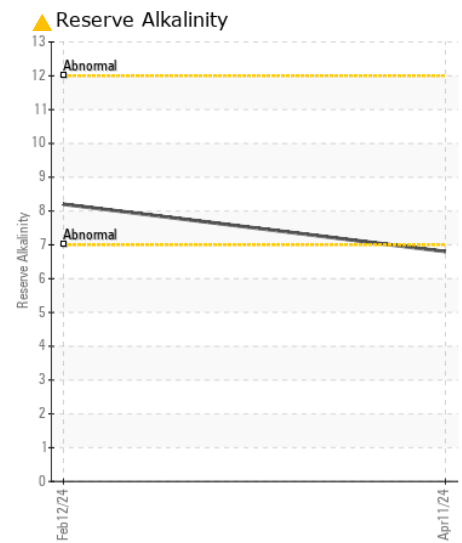
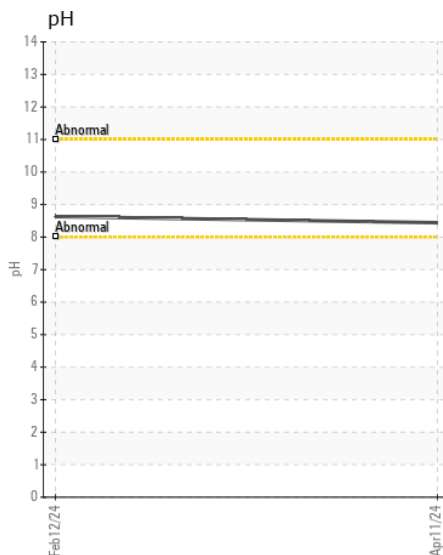
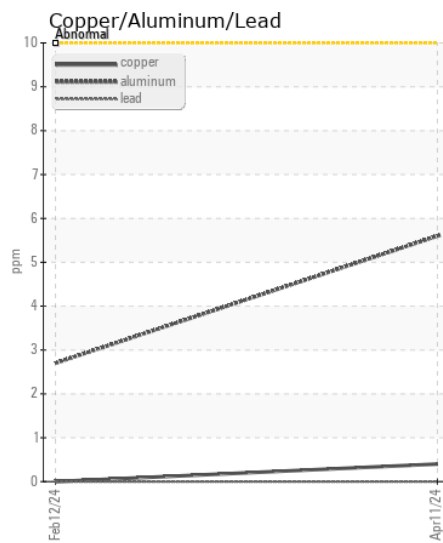
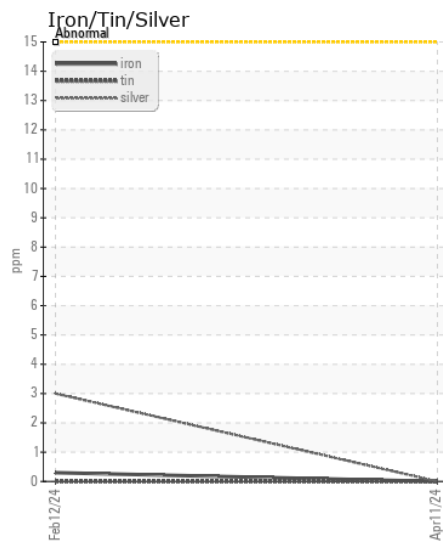
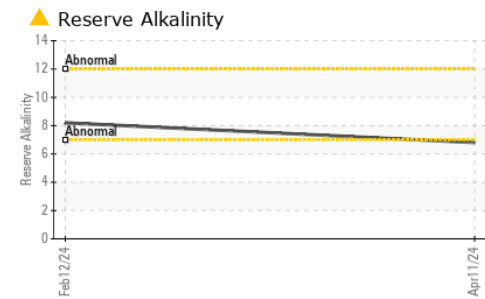
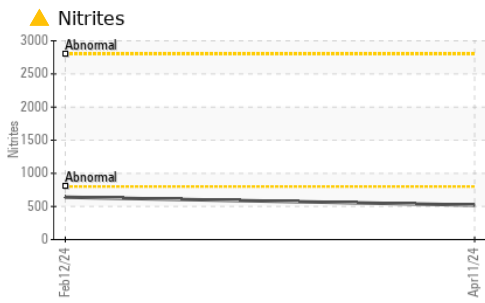
L'échantillon contenait une couche d'un autre fluide dont l'origine et/ou le type est inconnu.

Calcium	ppm	ASTM D5185(m)	>100	3	11	---
Magnesium	ppm	ASTM D5185(m)	>40	1	2	---
Appearance	scalar	Visual*	NORML	▲ OILWG	NORML	---
Odor	scalar	Visual*	NORML	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	108	---
Specific Gravity		ASTM D1298*		1.069	1.070	---
pH	Scale 0-14	ASTM D1287*	9.5	8.44	8.63	---
Nitrites	ppm	Alcan Test Kit*	1500	▲ 520	640	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	▲ 6.8	8.2	---
Percentage Glycol	%	ASTM D3321*	50	51.6	52.1	---
Freezing Point	°C	ASTM D3321*	-40	-39	-40	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		21	24	---
Phosphorus	ppm	ASTM D5185(m)		284	170	---
Boron	ppm	ASTM D5185(m)		126	195	---
Molybdenum	ppm	ASTM D5185(m)		450	457	---
Sodium	ppm	ASTM D5185(m)		7549	12640	---
Potassium	ppm	ASTM D5185(m)		715	602	---
Coolant Color		Visual*	Green	---	Grn/Yellow	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0118331
Lab Number : 02629042
Unique Number : 5762174
Test Package : COOL (Additional Tests: GlycolType)

GFL Environmental - 743 - Montreal Est CD Processing
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 Montreal, QC
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 Contact: Patrick Beaulieu
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Received : 15 Apr 2024
 Tested : 16 Apr 2024
 Diagnosed : 17 Apr 2024 - Kevin Marson
 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.