

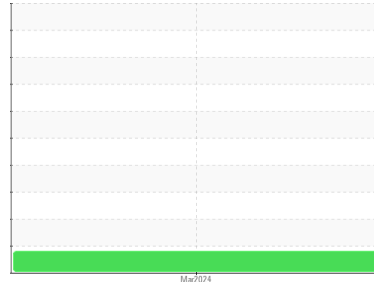
COOLANT REPORT

Sample Rating Trend

WEAR



Area
BELL CANADA
Machine ID
DG-1
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- GAL)



DIAGNOSIS

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.

Corrosion

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

Contaminants

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

Coolant Condition

Le niveau de nitrite est acceptable. Le niveau de pH de ce fluide est dans les limites acceptables.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WA0020505	---	---
Sample Date	Client Info		13 Mar 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		UNK	---	---
Specific Gravity	ASTM D1298*		1.078	---	---
pH	Scale 0-14	ASTM D1287* 9.0	7.69	---	---
Nitrites	ppm	Alcan Test Kit*	1080	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	12.6	---	---
Percentage Glycol	%	ASTM D3321* 50	58.7	---	---
Freezing Point	°C	ASTM D3321* -40	-48	---	---
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	62	---	---
Phosphorus	ppm	ASTM D5185(m)	13	---	---
Boron	ppm	ASTM D5185(m)	1338	---	---
Molybdenum	ppm	ASTM D5185(m)	11	---	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >15	0	---	---
Aluminum	ppm	ASTM D5185(m) >10	0	---	---
Copper	ppm	ASTM D5185(m) >10	0	---	---
Lead	ppm	ASTM D5185(m) >10	▲ 38	---	---
Tin	ppm	ASTM D5185(m) >10	0	---	---
Silver	ppm	ASTM D5185(m) >10	<1	---	---
Zinc	ppm	ASTM D5185(m)	1	---	---

CARRIER SALTS

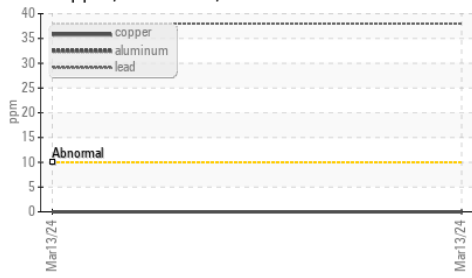
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	8713	---	---
Potassium	ppm	ASTM D5185(m)	254	---	---

SCALE POTENTIAL

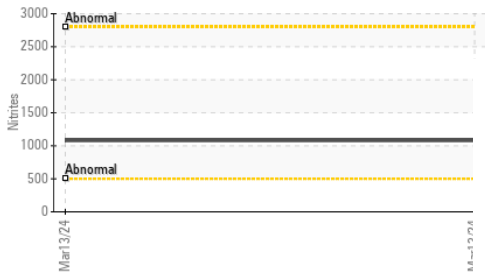
	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m) >100	10	---	---
Magnesium	ppm	ASTM D5185(m) >40	3	---	---
Hardness	mg/L CaCO3	In-house* <75	36	---	---



COOLANT REPORT

▲ Copper/Aluminum/Lead



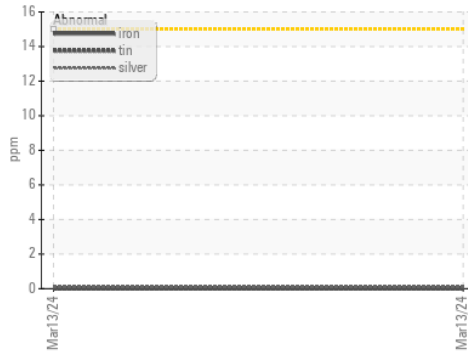
Nitrites



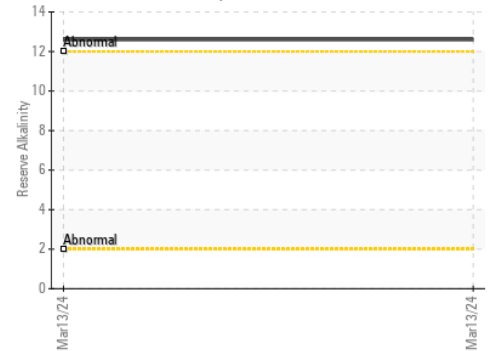
VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Orange/R	Orange	---	---
Coolant Appearance	Visual*	Clear	Clear	---	---
Color				no image	no image
Bottom				no image	no image

GRAPHS

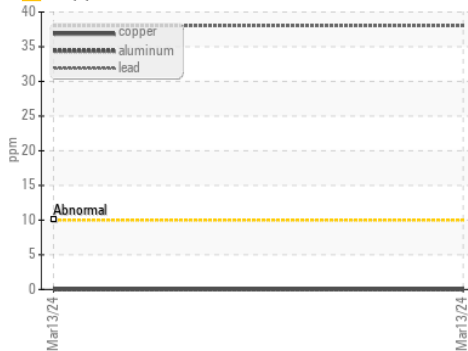
Iron/Tin/Silver



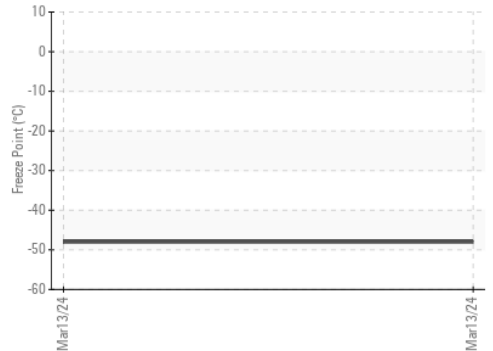
Reserve Alkalinity



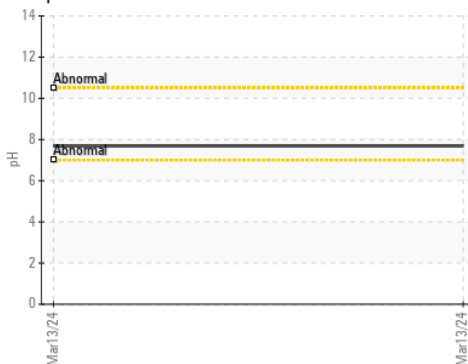
▲ Copper/Aluminum/Lead



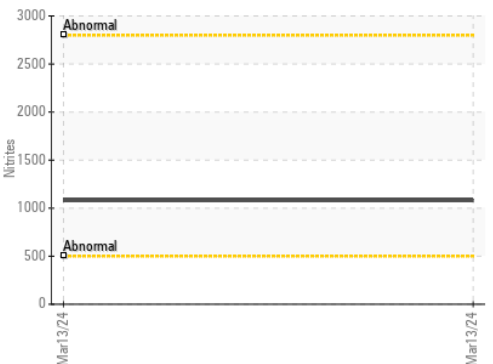
Freeze Point



pH



Nitrites



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020505
Lab Number : 02626497
Unique Number : 5759629
Test Package : COOL (Additional Tests: GlycolType)

Received : 03 Apr 2024
Tested : 03 Apr 2024
Diagnosed : 04 Apr 2024 - Kevin Marson

Generatrice Drummond
 243 rue des ARTISANS
 SAINT-GERMAIN-DE-GRANTHAM, QC
 CA J0C 1K0
 Contact: Valerie Poirier
 poiirivalerie@generatricedrummond.com
 T: (819)398-6811
 F: (819)398-7022

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.