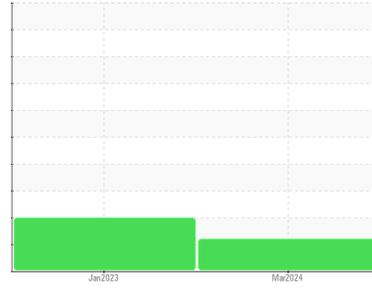


COOLANT REPORT

Sample Rating Trend



INSOLUBLES



Area
[6100273252]

Machine Id
20MN0306M

Component
Coolant

Fluid
EXTENDED LIFE COOLANT (--- GAL)

DIAGNOSIS

▲ Recommendation

Vidangez le système et remplissez avec un prémélange 50/50 de liquide de refroidissement recommandé par le fabricant.

Corrosion

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

▲ Contaminants

La dureté est élevée. Une dureté élevée peut permettre la formation de tartre qui réduira l'efficacité du système de refroidissement

Coolant Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WA0020944	WA0019084	---
Sample Date	Client Info		18 Mar 2024	13 Jan 2023	---
Machine Age	hrs	Client Info	0	0	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			ABNORMAL	SEVERE	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		UNK	---	---
Specific Gravity	ASTM D1298*		1.073	1.073	---
pH	Scale 0-14	ASTM D1287* 9.0	8.43	8.09	---
Nitrites	ppm	Alcan Test Kit*	480	800	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	6.4	1.7	---
Percentage Glycol	%	ASTM D3321* 50	54.3	54.3	---
Freezing Point	°C	ASTM D3321* -40	-43	-45	---
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	23	8	---
Phosphorus	ppm	ASTM D5185(m)	7	15	---
Boron	ppm	ASTM D5185(m)	9	22	---
Molybdenum	ppm	ASTM D5185(m)	175	229	---

CORROSION

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

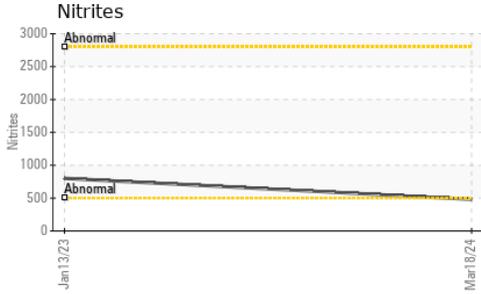
CARRIER SALTS

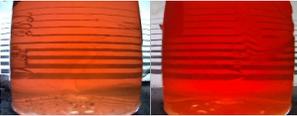
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	4342	3448	---
Potassium	ppm	ASTM D5185(m)	4395	3212	---

SCALE POTENTIAL

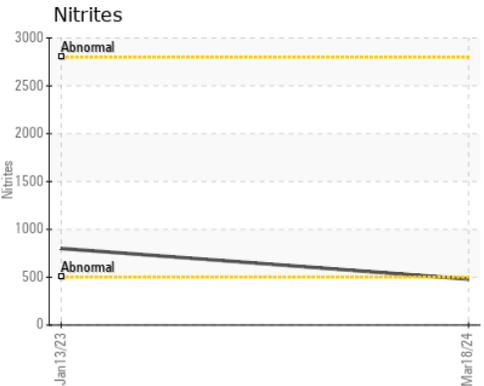
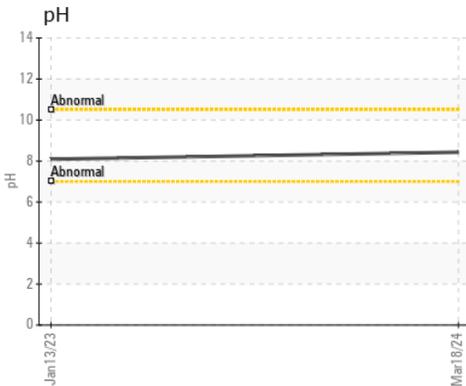
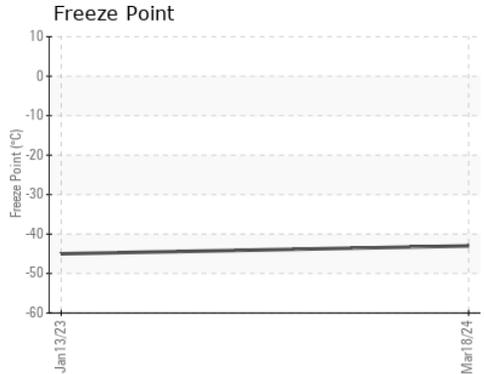
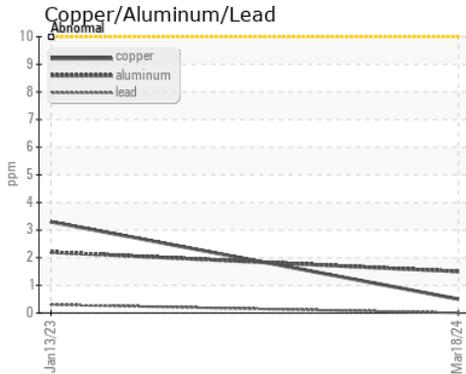
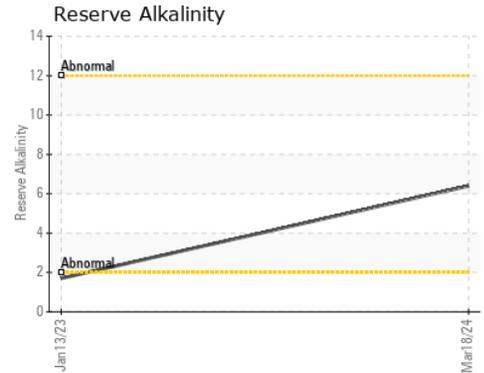
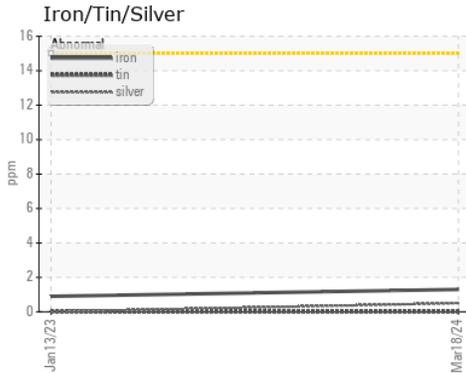
	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m) >100	16	22	---
Magnesium	ppm	ASTM D5185(m) >40	9	11	---
Hardness	mg/L CaCO3	In-house* <75	▲ 75	▲ 100	---

COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020944
Lab Number : 02627132
Unique Number : 5760264
Test Package : COOL (Additional Tests: GlycolType)

Generatrice Drummond
 243 rue des ARTISANS
 SAINT-GERMAIN-DE-GRANTHAM, QC
 CA J0C 1K0
 Contact: Valerie Poirier
 poiervalerie@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.