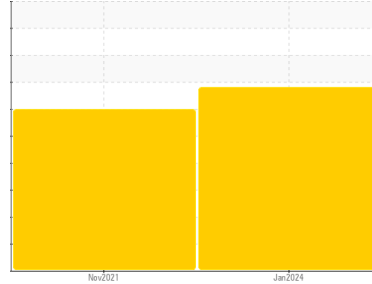


COOLANT REPORT

Sample Rating Trend

SCAS

Area
LE BELLEVOIS [233666]
Machine Id
GD12771
Component
Coolant
Fluid
{not provided} (--- GAL)



DIAGNOSIS

Recommendation

Nettoyez le système de refroidissement avec un nettoyant à base d'acide conformément aux instructions, puis rincez abondamment à l'eau. Remplir avec un prémélange 50/50 de liquide de refroidissement recommandé par le fabricant. Rééchantillonner dans 30 jours.

Corrosion

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

Contaminants

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

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 pH est bas et peut entraîner la formation de rouille.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WA0020587	GD0005135	---
Sample Date	Client Info		09 Jan 2024	02 Nov 2021	---
Machine Age	hrs	Client Info	0	979	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			SEVERE	ABNORMAL	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*		1.076	1.067	---
pH	Scale 0-14	ASTM D1287*	▲ 6.45	7.24	---
Nitrites	ppm	Alcan Test Kit*	▲ 360	▲ 400	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	▲ 1.3	▲ 1.5	---
Percentage Glycol	%	ASTM D3321*	56.7	50.0	---
Freezing Point	°C	ASTM D3321*	-50	-37	---
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	58	67	---
Phosphorus	ppm	ASTM D5185(m)	16	78	---
Boron	ppm	ASTM D5185(m)	13	39	---
Molybdenum	ppm	ASTM D5185(m)	0	19	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >15	5	▲ 18	---
Aluminum	ppm	ASTM D5185(m) >10	0	2	---
Copper	ppm	ASTM D5185(m) >10	▲ 54	▲ 10	---
Lead	ppm	ASTM D5185(m) >10	2	▲ 16	---
Tin	ppm	ASTM D5185(m) >10	0	<1	---
Silver	ppm	ASTM D5185(m) >10	1	<1	---
Zinc	ppm	ASTM D5185(m)	14	3	---

CARRIER SALTS

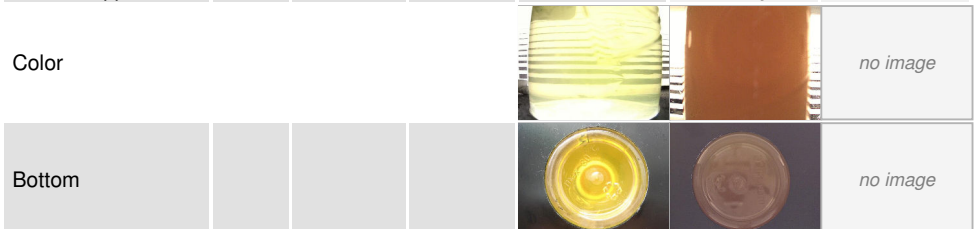
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	1445	1117	---
Potassium	ppm	ASTM D5185(m)	2461	1519	---

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m) >100	38	4	---
Magnesium	ppm	ASTM D5185(m) >40	4	5	---
Hardness	mg/L CaCO3	In-house* <75	▲ 112	28	---

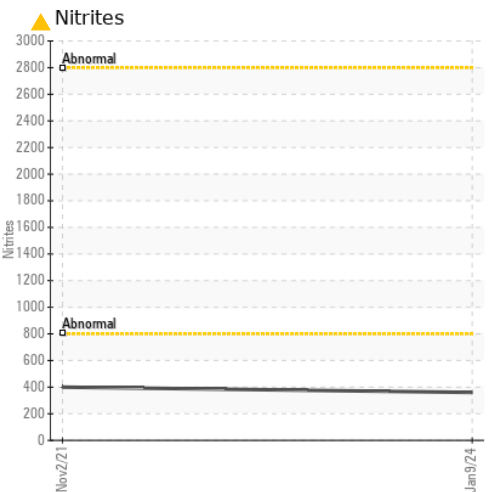
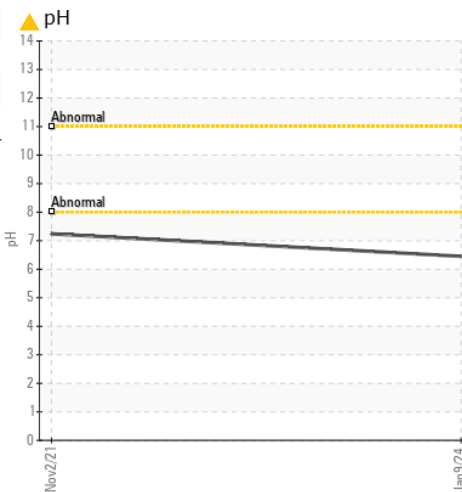
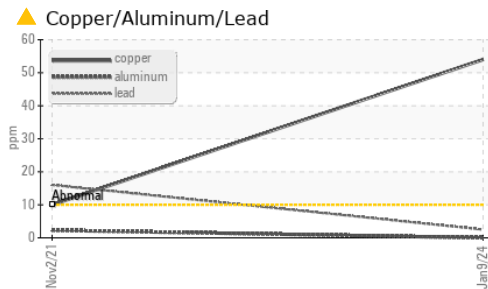
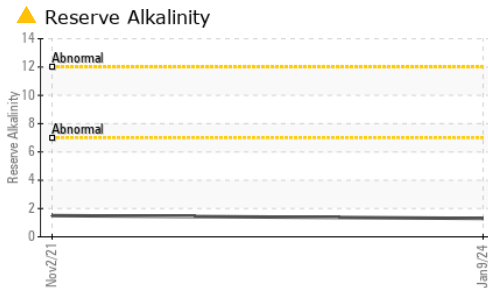
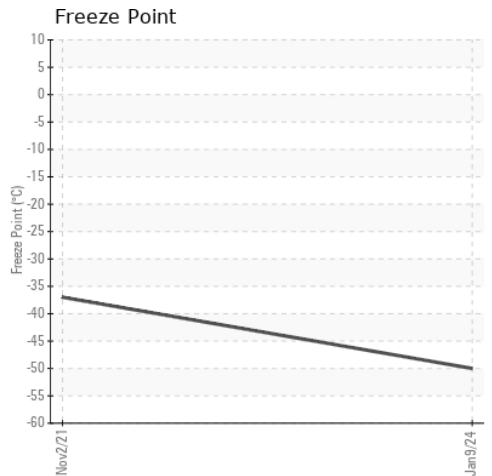
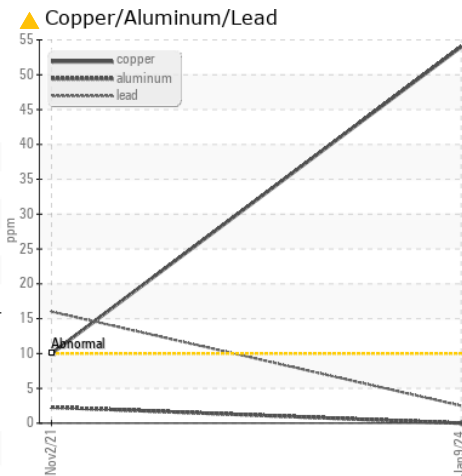
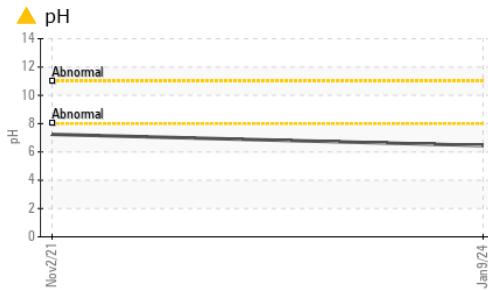
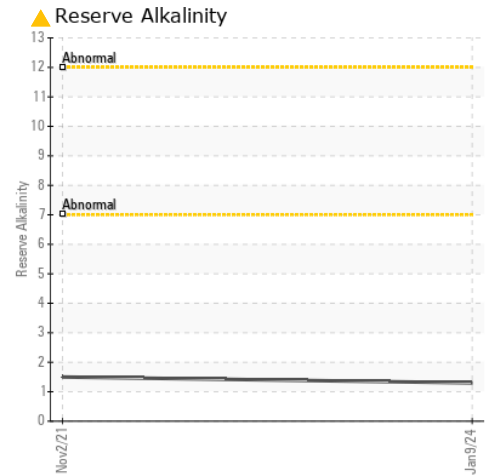
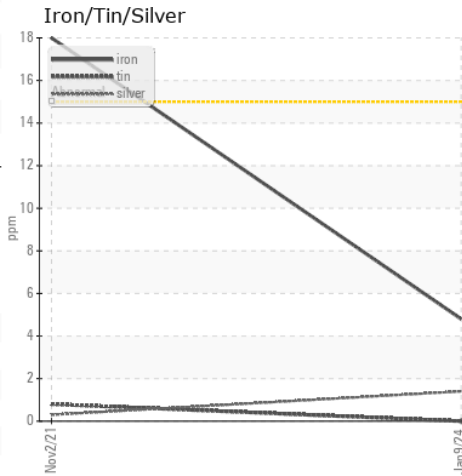
VISUAL

	method	limit/base	current	history1	history2
Coolant Color	Visual*		Yellow	Orange	---
Coolant Appearance	Visual*	Clear	Clear	▲ Cloudy	---



COOLANT REPORT

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020587
Lab Number : 02608005
Unique Number : 5709091
Test Package : COOL

Generatrice Drummond
 243 rue des ARTISANS
 SAINT-GERMAIN-DE-GRANTHAM, QC
 CA J0C 1K0
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 poiirivalerie@generatricedrummond.com
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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.