

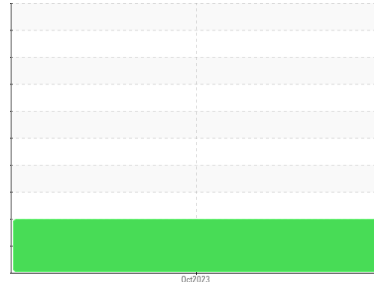
COOLANT REPORT

Sample Rating Trend

INSOLUBLES



Area
PLAN NORD [213749]
Machine Id
MTU 933918C0245378
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- 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

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

Coolant Condition

Le niveau de nitrite est acceptable. 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		WA0020823	---	---
Sample Date	Client Info		03 Oct 2023	---	---
Machine Age	hrs	Client Info	624	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			SEVERE	---	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*		1.069	---	---
pH	Scale 0-14	ASTM D1287* 9.0	7.82	---	---
Nitrites	ppm	Alcan Test Kit*	560	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.9	---	---
Percentage Glycol	%	ASTM D3321* 50	51.0	---	---
Freezing Point	°C	ASTM D3321* -40	-38	---	---
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	81	---	---
Phosphorus	ppm	ASTM D5185(m)	33	---	---
Boron	ppm	ASTM D5185(m)	64	---	---
Molybdenum	ppm	ASTM D5185(m)	13	---	---

CORROSION

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

CARRIER SALTS



	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	9501	---	---
Potassium	ppm	ASTM D5185(m)	512	---	---

SCALE POTENTIAL

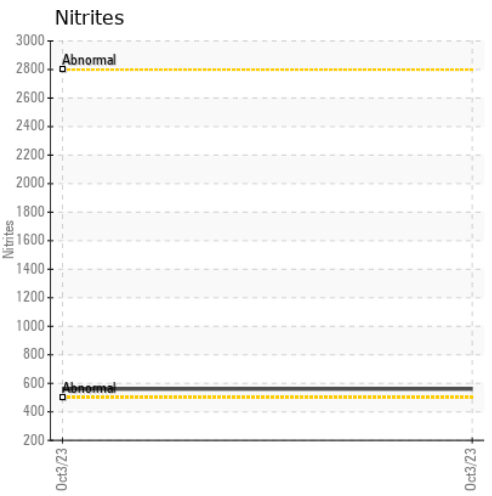
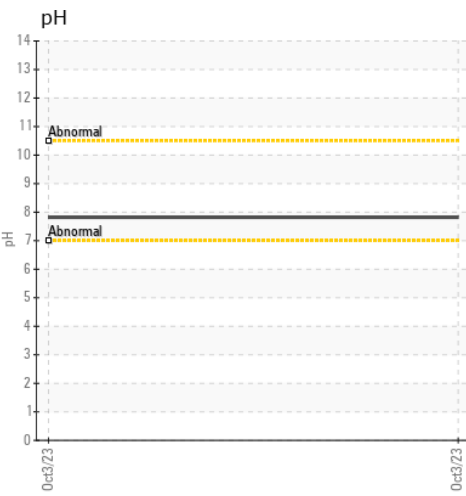
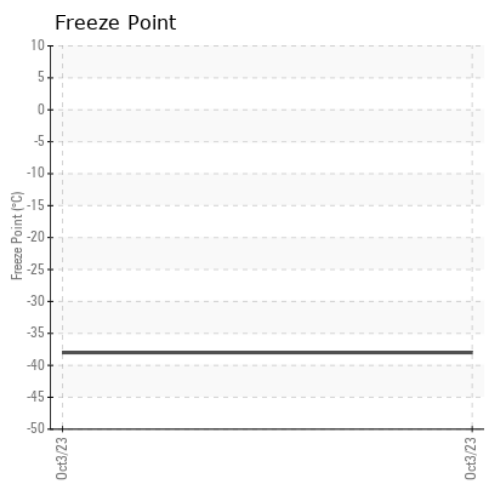
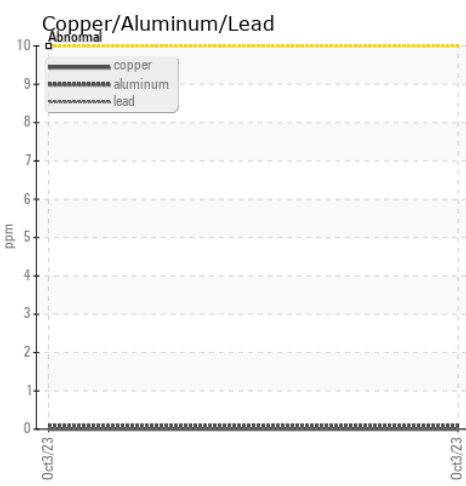
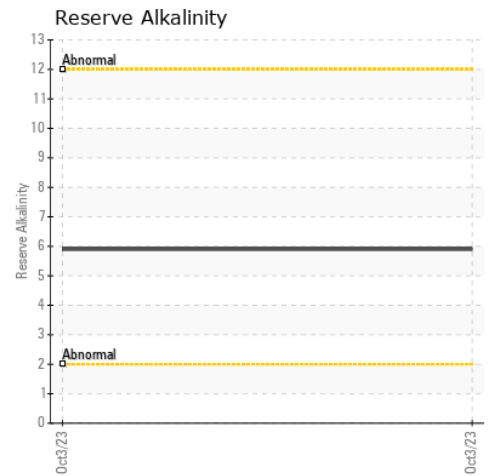
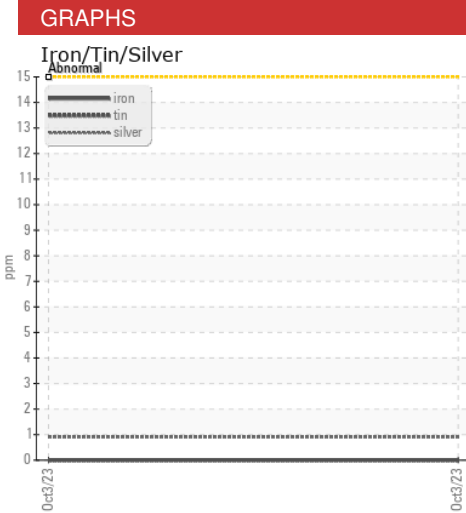
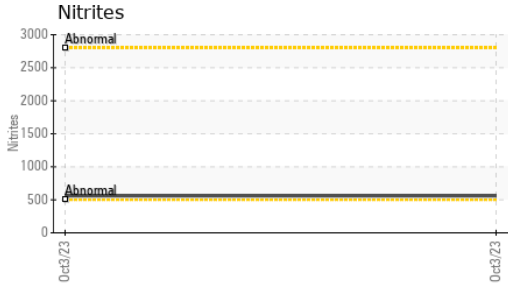
	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m) >100	11	---	---
Magnesium	ppm	ASTM D5185(m) >40	18	---	---
Hardness	mg/L CaCO3	In-house* <75	101	---	---

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

COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020823 **Received** : 25 Oct 2023
Lab Number : 02591879 **Diagnosed** : 25 Oct 2023
Unique Number : 5668958 **Diagnostician** : Kevin Marson
Test Package : COOL

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 Dorval, QC
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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.