



COOLANT REPORT

Sample Rating Trend

PH

Area
[SS04663]
 Machine Id
MAG 400
 Component
Coolant
 Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

Nous recommandons que vous vidangiez le système et que vous le remplissiez avec un mélange 50/50 eau/antigel. Nous vous conseillons de reconstituer les additifs refroidisseurs supplémentaires, (SCA - supplemental coolant additives) et d'en ajouter selon les indications du fabricant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Corrosion

La concentration du fer est anormale/sévère indiquant la présence de rouille dans le système qui pourrait l'obstruer. La concentration des métaux est élevée indiquant la présence de corrosion dans le système.

Contaminants

Il n'y a pas d'huile minérale présente dans le fluide.

Coolant Condition

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. Le niveau de nitrite est acceptable. Le pH est bas et peut entraîner la formation de rouille.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0851352	---	---
Sample Date	Client Info	24 Aug 2023	---	---
Machine Age	kms Client Info	0	---	---
Oil Age	kms Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.062	---	---
pH	Scale 0-14 ASTM D1287*	▲ 7.41	---	---
Nitrites	ppm Alcan Test Kit*	800	---	---
Reserve Alkalinity	Scale 0-20 ASTM D1121*	3.1	---	---
Percentage Glycol	% ASTM D3321*	45.5	---	---
Freezing Point	°C ASTM D3321*	-24	---	---
Carboxylate		---	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	3	---	---
Phosphorus	ppm ASTM D5185(m)	6	---	---
Boron	ppm ASTM D5185(m)	6	---	---
Molybdenum	ppm ASTM D5185(m)	10	---	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >15	▲ 80	---	---
Aluminum	ppm ASTM D5185(m) >10	▲ 25	---	---
Copper	ppm ASTM D5185(m) >10	1	---	---
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)	<1	---	---

CARRIER SALTS

method	limit/base	current	history1	history2
Sodium	ppm ASTM D5185(m)	4300	---	---
Potassium	ppm ASTM D5185(m)	280	---	---

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D5185(m) >100	11	---	---
Magnesium	ppm ASTM D5185(m) >40	3	---	---
Hardness	mg/L CaCO3 In-house* <75	41	---	---

VISUAL

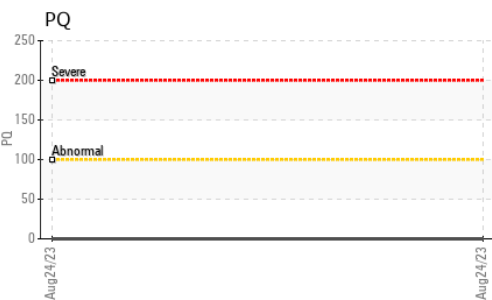
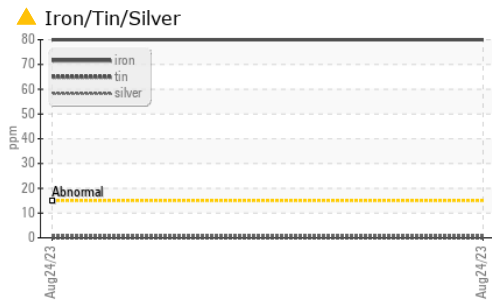
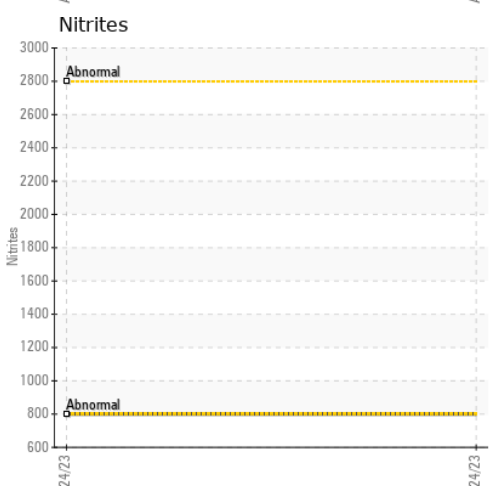
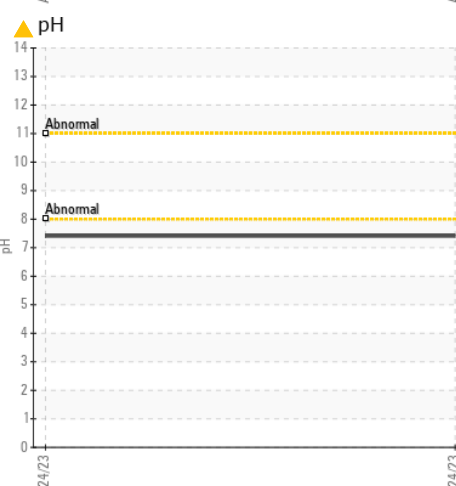
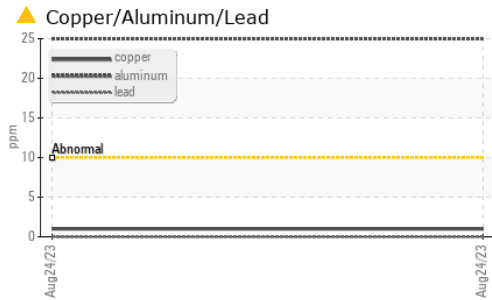
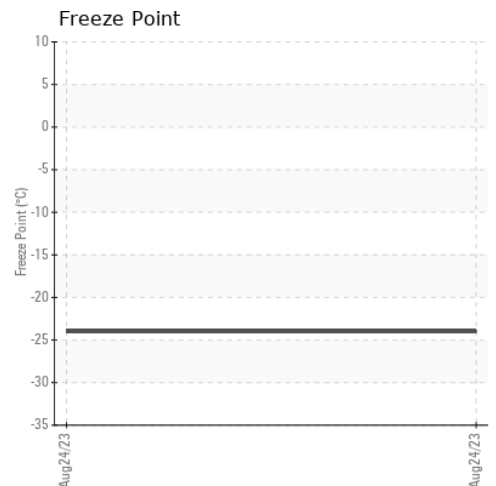
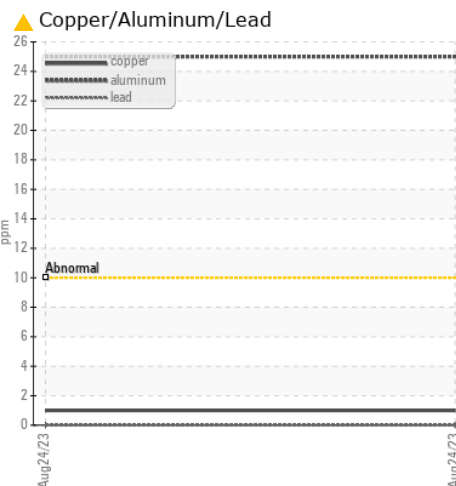
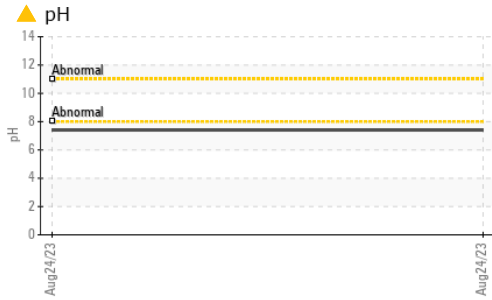
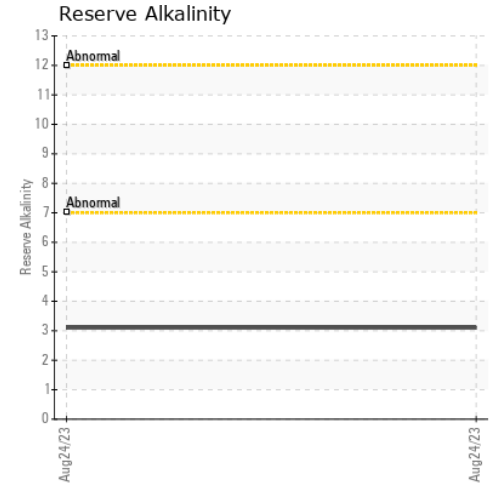
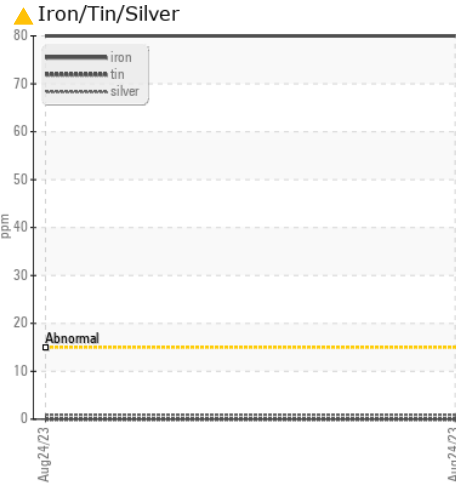
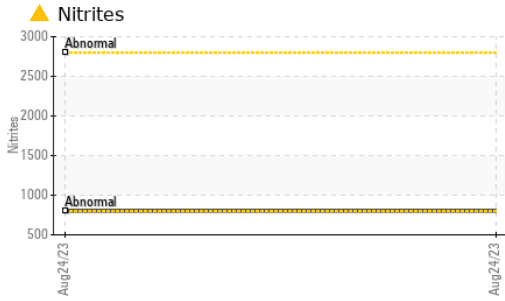
method	limit/base	current	history1	history2
Coolant Color	Visual*	Other	---	---
Coolant Appearance	Visual*	▲ Cloudy	---	---

Color		no image	no image
Bottom		no image	no image



COOLANT REPORT

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0851352
Lab Number : 02578558
Unique Number : 5631618
Test Package : COOL (Additional Tests: CENTRIFUGE(WARD), PQ)

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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.*