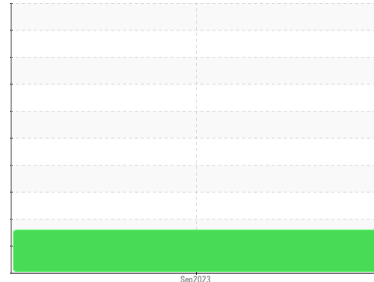


COOLANT REPORT

Sample Rating Trend

APPEARANCE



Machine Id
TA-71220B

Component
Coolant
Fluid
HYBRID (HOAT) COOLANT (--- GAL)

DIAGNOSIS

Recommendation

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's specifications. Resample at the next service interval to monitor.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PC0061611	---	---
Sample Date	Client Info	12 Sep 2023	---	---
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
Specific Gravity	ASTM D1298*	1.082	---	---
pH	Scale 0-14	ASTM D1287*	7.33	---
Nitrites	ppm	Alcan Test Kit*	520	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	4.8	---
Percentage Glycol	%	ASTM D3321*	62.4	---
Freezing Point	°C	ASTM D3321*	-61	---
Carboxylate			---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1	---
Phosphorus	ppm	ASTM D5185(m)	<1	---
Boron	ppm	ASTM D5185(m)	0	---
Molybdenum	ppm	ASTM D5185(m)	0	---

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	0
Tin	ppm	ASTM D5185(m)	>10	0
Silver	ppm	ASTM D5185(m)	>10	<1
Zinc	ppm	ASTM D5185(m)	>10	<1

CARRIER SALTS

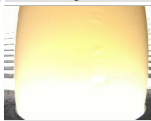

method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	0	---
Potassium	ppm	ASTM D5185(m)	2	---

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<1
Magnesium	ppm	ASTM D5185(m)	>40	0
Hardness	mg/L CaCO3	In-house*	<75	0

VISUAL

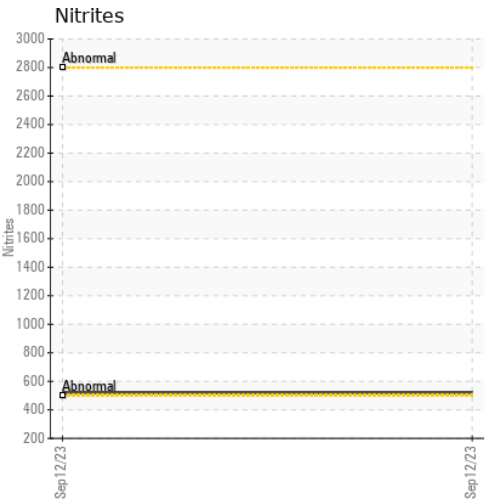
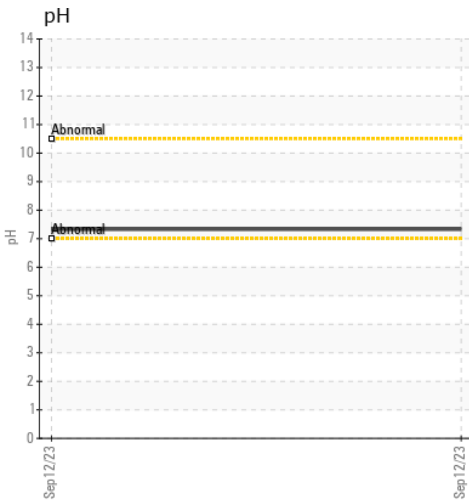
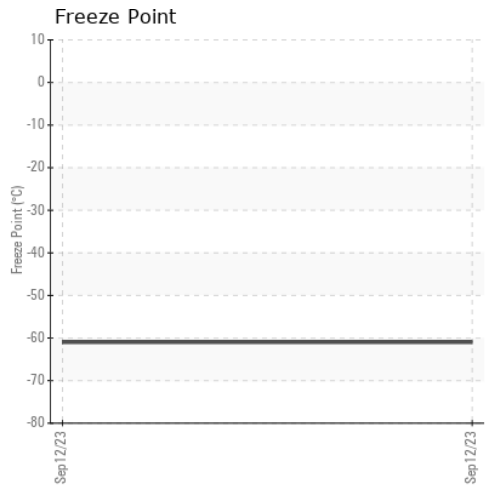
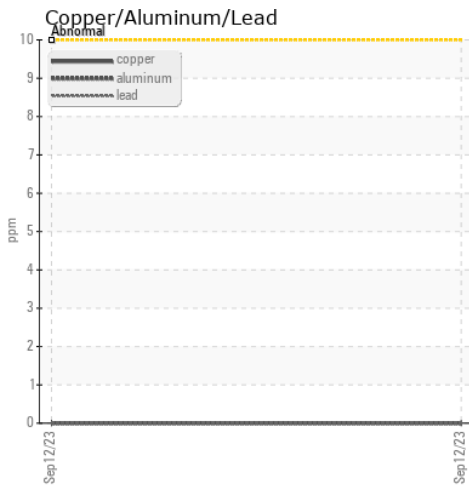
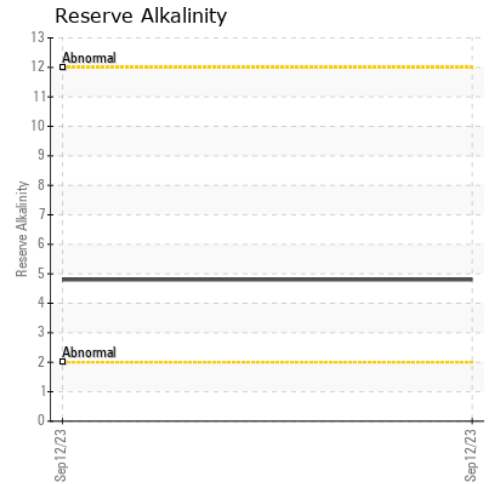
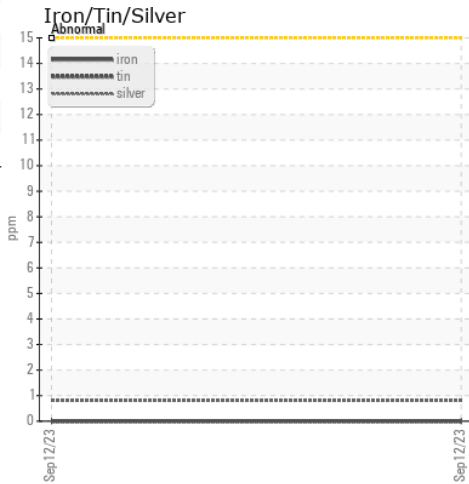
method	limit/base	current	history1	history2
Coolant Color	Visual*	Yellow	---	---
Coolant Appearance	Visual*	▲ Very cld	---	---

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. : PC0061611 **Received** : 13 Sep 2023
Lab Number : 02582319 **Diagnosed** : 15 Sep 2023
Unique Number : 5643384 **Diagnostician** : Kevin Marson
Test Package : COOL (Additional Tests: CENTRIFUGE(WARD))

Suncor - Terra Nova Projects
 Scotia Centre, 235 Water Street
 St. John's, NL
 CA A1C 1B6
 Contact: Deanne Badcock
 dbadcock@suncor.com
 T: (709)778-3843
 F: (709)724-2784

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.