

COOLANT REPORT

Sample Rating Trend



NORMAL



Area

THE STATE GROUP [174787]

Machine Id

MTU 324002-1-2-0810 526105114 - GEN:BLUE

Component

Coolant

Fluid

HYBRID (HOAT) COOLANT (--- LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) HYBRID (HOAT) COOLANT. Please confirm.

Corrosion

All component wear rates are normal.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

The condition of the coolant is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WA0020278	---	---
Sample Date	Client Info			11 Sep 2023	---	---
Machine Age	yrs	Client Info		0	---	---
Oil Age	yrs	Client Info		5	---	---
Oil Changed	Client Info			Not Chngd	---	---
Sample Status				NORMAL	---	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*			1.066	---	---
pH	Scale 0-14	ASTM D1287*		8.54	---	---
Nitrites	ppm	Alcan Test Kit*		1400	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.6	---	---
Percentage Glycol	%	ASTM D3321*		48.9	---	---
Freezing Point	°C	ASTM D3321*		-31	---	---
Carboxylate				---	---	---



CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		8	---	---
Phosphorus	ppm	ASTM D5185(m)		6	---	---
Boron	ppm	ASTM D5185(m)		188	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---

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

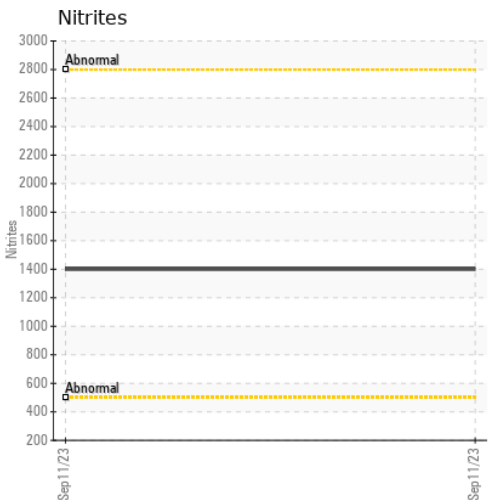
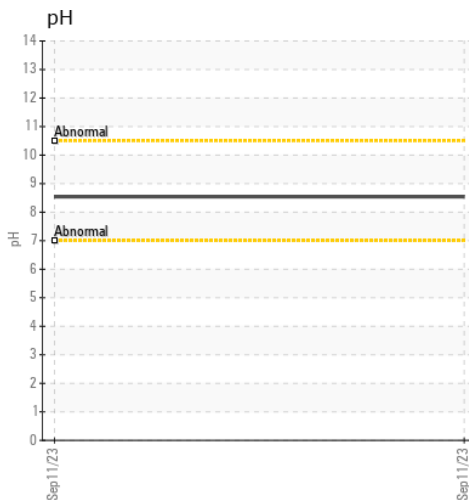
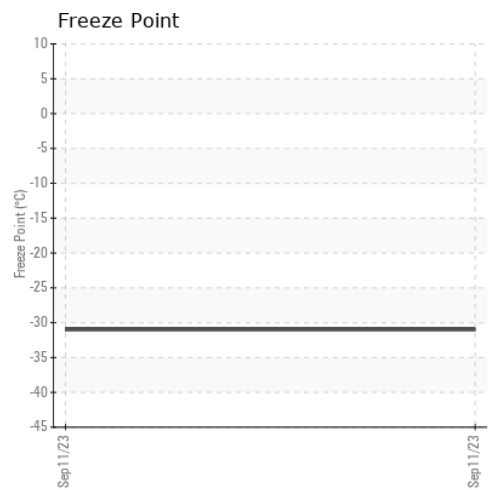
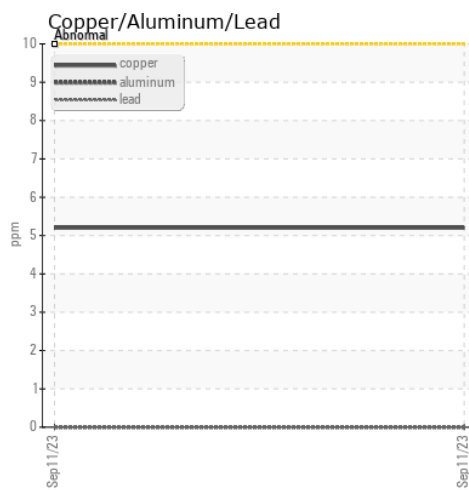
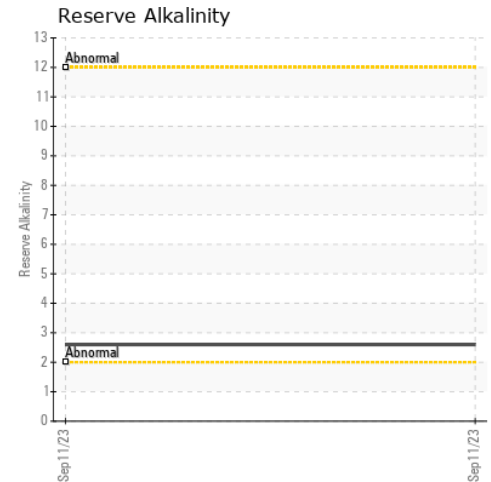
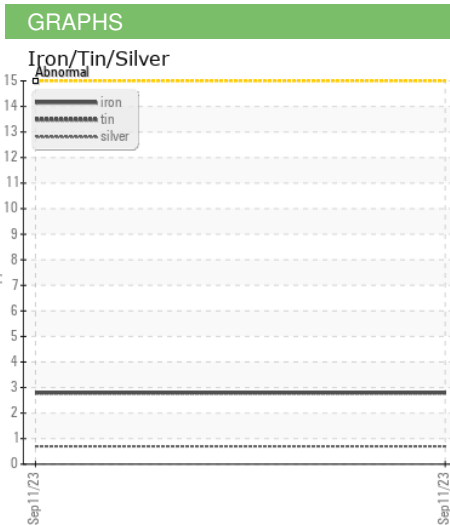
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		2042	---	---
Potassium	ppm	ASTM D5185(m)		67	---	---

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	2	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	---	---
Hardness	mg/L CaCO3	In-house*	<75	6	---	---

VISUAL		method	limit/base	current	history1	history2
Coolant Color	Visual*			Yellow	---	---
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. : WA0020278
Lab Number : 02586933
Unique Number : 5655999
Test Package : COOL
Received : 04 Oct 2023
Tested : 05 Oct 2023
Diagnosed : 05 Oct 2023 - Wes Davis

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 Toronto, ON
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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.