



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
SAAND [154189]

Machine Id
AJ0162

Component
Coolant

Fluid
CONVENTIONAL COOLANT (--- GAL)

RECOMMENDATION

The fluid is suitable for further service. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0023339	CU0020786	---
Sample Date		Client Info		03 Jun 2024	23 May 2023	---
Machine Age	hrs	Client Info		193	170	---
Oil Age	hrs	Client Info		0	170	---
Oil Changed		Client Info		N/A	Not Changd	---
Sample Status				NORMAL	NORMAL	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>10	2	5	---
Copper	ppm	ASTM D5185(m)	>10	<1	3	---
Lead	ppm	ASTM D5185(m)	>10	0	0	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Silver	ppm	ASTM D5185(m)	>10	<1	<1	---
Zinc	ppm	ASTM D5185(m)	>10	1	0	---

CONTAMINANTS

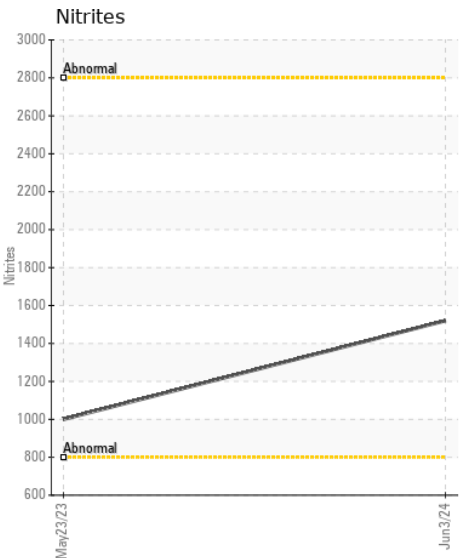
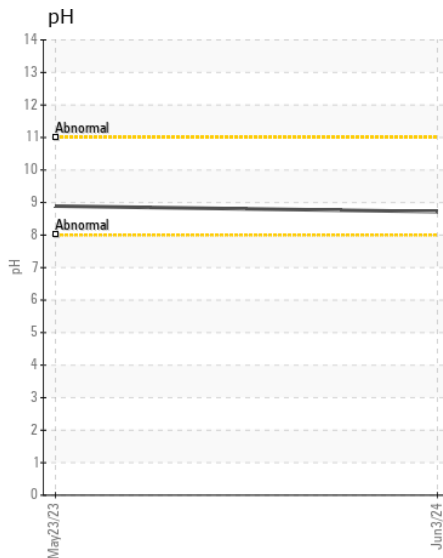
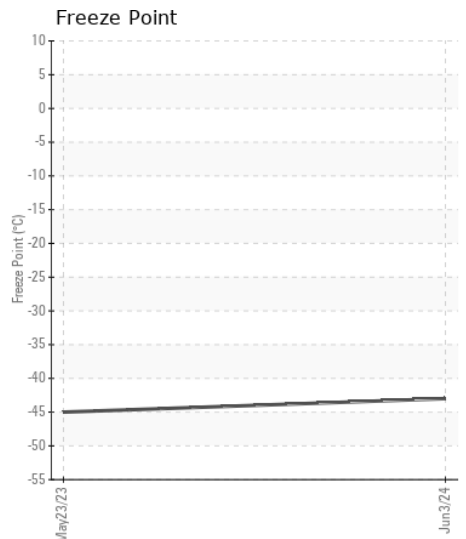
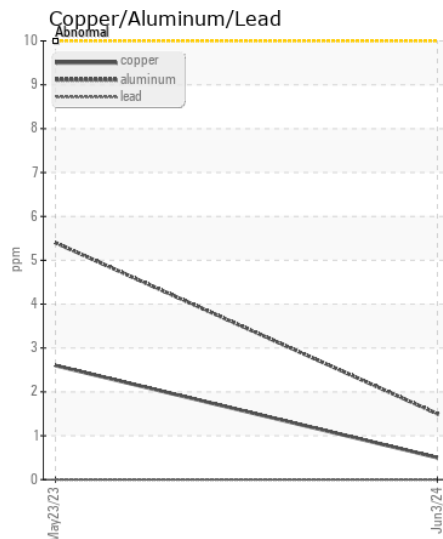
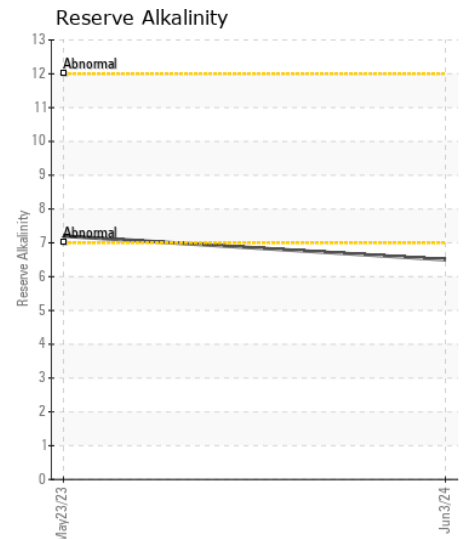
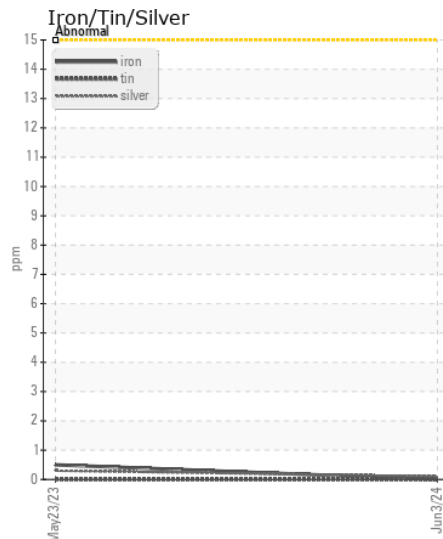
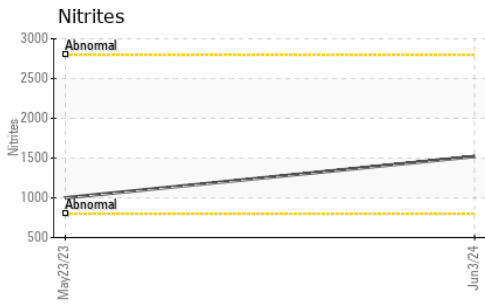
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	1	1	---
Magnesium	ppm	ASTM D5185(m)	>40	1	0	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	Clear	Clear	Clear	---

COOLANT CONDITION

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.073	1.072	---
pH	Scale 0-14	ASTM D1287*	9.5	8.72	8.89	---
Nitrites	ppm	Alcan Test Kit*	1500	1520	1000	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	6.5	7.2	---
Percentage Glycol	%	ASTM D3321*	50	54.1	54.0	---
Freezing Point	°C	ASTM D3321*	-40	-43	-45	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		28	61	---
Phosphorus	ppm	ASTM D5185(m)		819	1043	---
Boron	ppm	ASTM D5185(m)		229	291	---
Molybdenum	ppm	ASTM D5185(m)		371	475	---
Sodium	ppm	ASTM D5185(m)		1248	1169	---
Potassium	ppm	ASTM D5185(m)		4247	2790	---
Coolant Color		Visual*	Green	Other	Blue	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0023339 **Received** : 10 Jun 2024
Lab Number : 02640885 **Tested** : 11 Jun 2024
Unique Number : 5798424 **Diagnosed** : 11 Jun 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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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.