



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
TRANSMISSION/AIRPORT

Machine Id
71027-22

Component
Coolant

Fluid
CONVENTIONAL COOLANT (400 LTR)

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		WC0918923	---	---
Sample Date		Client Info		13 Mar 2024	---	---
Machine Age	hrs	Client Info		691	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Sample Status				NORMAL	---	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	---	---
Aluminum	ppm	ASTM D5185(m)	>10	1	---	---
Copper	ppm	ASTM D5185(m)	>10	6	---	---
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	0	---	---

CONTAMINANTS

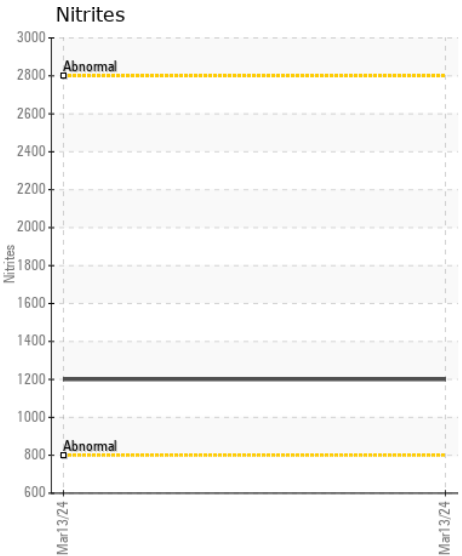
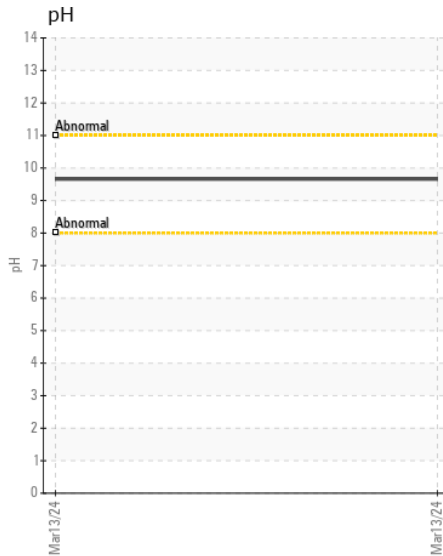
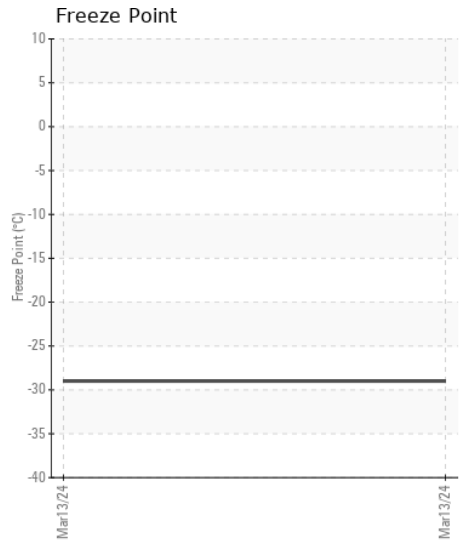
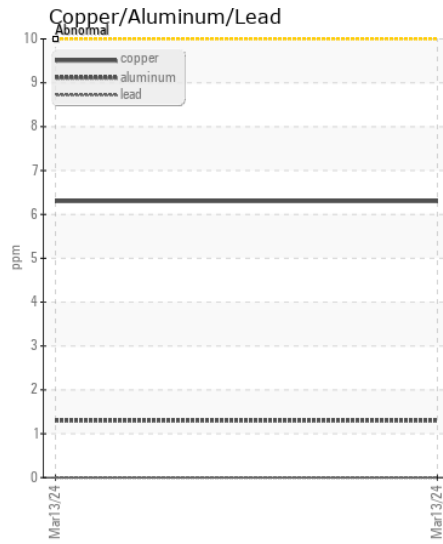
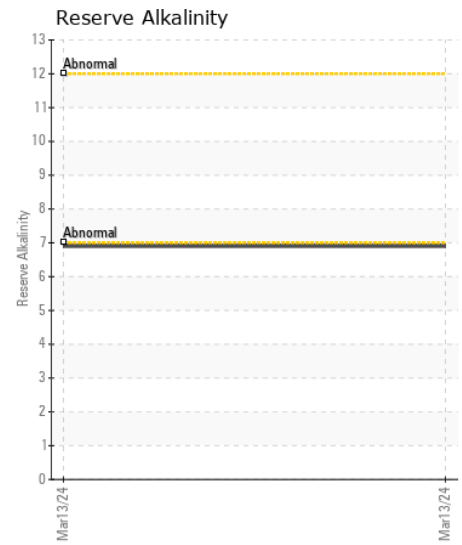
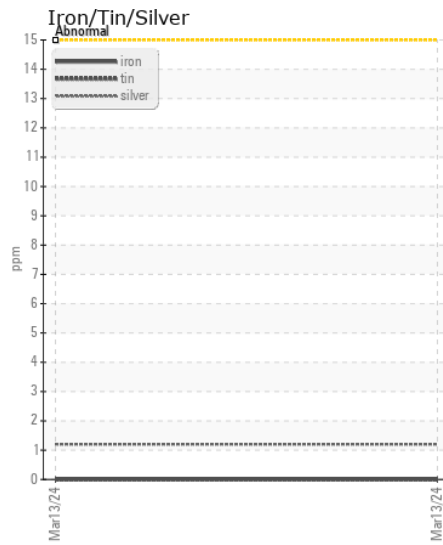
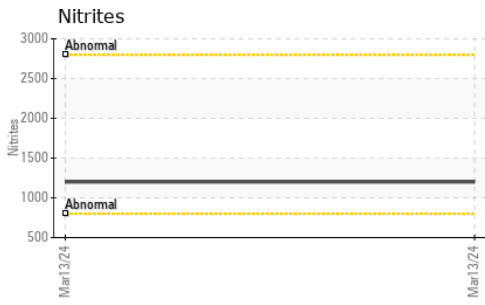
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	2	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Coolant Appearance		Visual*	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*		106	---	---
Specific Gravity		ASTM D1298*		1.060	---	---
pH	Scale 0-14	ASTM D1287*	9.5	9.66	---	---
Nitrites	ppm	Alcan Test Kit*	1500	1200	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	6.9	---	---
Percentage Glycol	%	ASTM D3321*	50	44.5	---	---
Freezing Point	°C	ASTM D3321*	-40	-29	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		41	---	---
Phosphorus	ppm	ASTM D5185(m)		582	---	---
Boron	ppm	ASTM D5185(m)		107	---	---
Molybdenum	ppm	ASTM D5185(m)		204	---	---
Sodium	ppm	ASTM D5185(m)		1079	---	---
Potassium	ppm	ASTM D5185(m)		2701	---	---
Coolant Color		Visual*	Green	Green	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0918923
Lab Number : 02625065
Unique Number : 5750184
Test Package : COOL (Additional Tests: GlycolType)

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Received : 27 Mar 2024
Tested : 27 Mar 2024
Diagnosed : 28 Mar 2024 - Kevin Marson

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.