



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
TRANSMISSION/SILVERTHORN

Machine Id
75998-369

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		WC0918898	---	---
Sample Date		Client Info		11 Mar 2024	---	---
Machine Age	hrs	Client Info		909	---	---
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	4	---	---
Copper	ppm	ASTM D5185(m)	>10	2	---	---
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

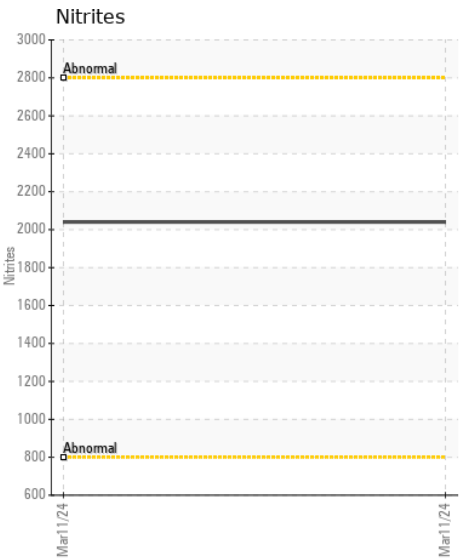
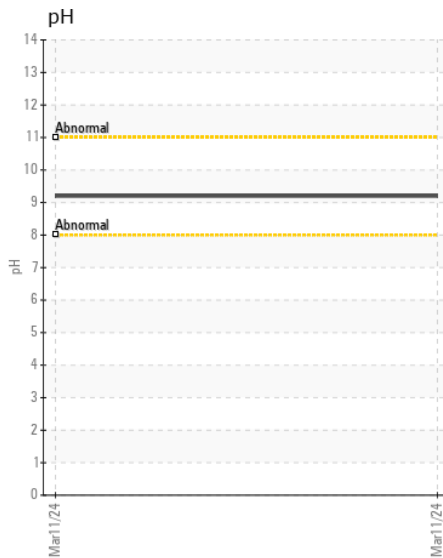
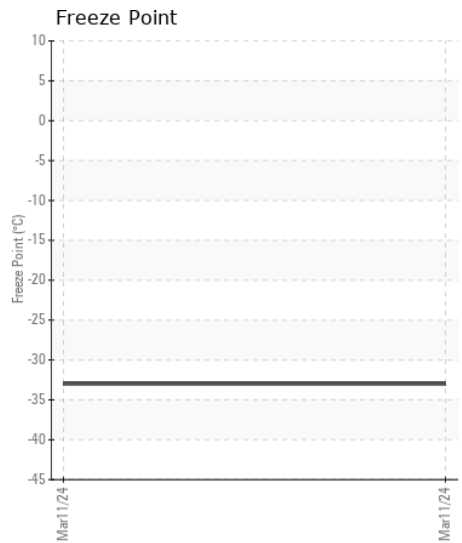
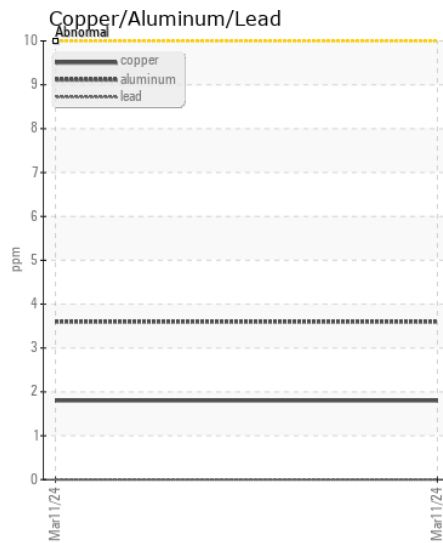
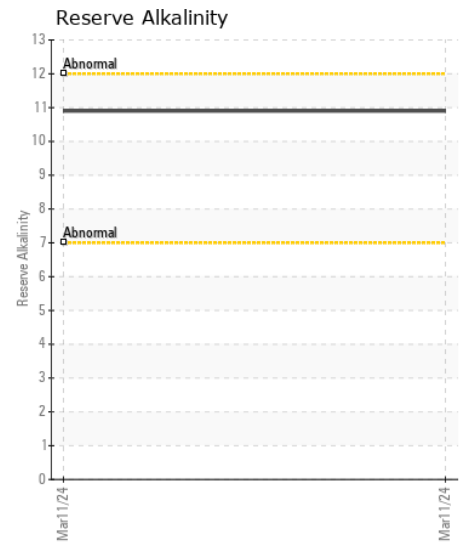
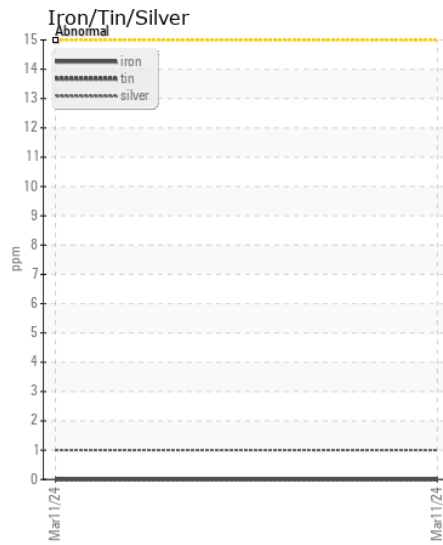
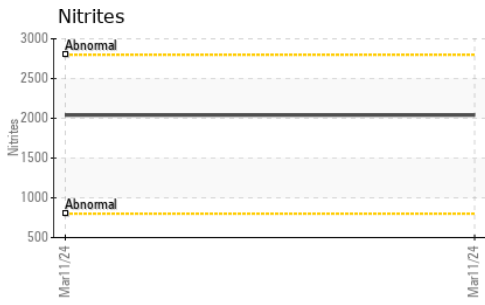
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	3	---	---
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. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.064	---	---
pH	Scale 0-14	ASTM D1287*	9.5	9.20	---	---
Nitrites	ppm	Alcan Test Kit*	1500	2040	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	10.9	---	---
Percentage Glycol	%	ASTM D3321*	50	47.6	---	---
Freezing Point	°C	ASTM D3321*	-40	-33	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		90	---	---
Phosphorus	ppm	ASTM D5185(m)		2278	---	---
Boron	ppm	ASTM D5185(m)		326	---	---
Molybdenum	ppm	ASTM D5185(m)		698	---	---
Sodium	ppm	ASTM D5185(m)		3280	---	---
Potassium	ppm	ASTM D5185(m)		9859	---	---
Coolant Color		Visual*	Green	Grn/Yellow	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0918898 **Received** : 27 Mar 2024
Lab Number : 02625075 **Tested** : 27 Mar 2024
Unique Number : 5750194 **Diagnosed** : 28 Mar 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

ONTARIO CLEAN WATER AGENCY
 920 EAST AVENUE
 MISSISSAUGA, ON
 CA L5E 1W6
 Contact: Kevin Ho
 kho@ocwa.com
 T: (905)301-6482
 F: (905)274-5906

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.