



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL



Area
TRANSMISSION/TULLAMORE
Machine Id
IGZ07555
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- 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		WC0867591	WC0323818	---
Sample Date		Client Info		14 Mar 2024	15 Jul 2019	---
Machine Age	hrs	Client Info		675	447	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	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	0	---
Aluminum	ppm	ASTM D5185(m)	>10	4	3	---
Copper	ppm	ASTM D5185(m)	>10	<1	0	---
Lead	ppm	ASTM D5185(m)	>10	0	0	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Silver	ppm	ASTM D5185(m)	>10	2	0	---
Zinc	ppm	ASTM D5185(m)	>10	4	1	---

CONTAMINANTS

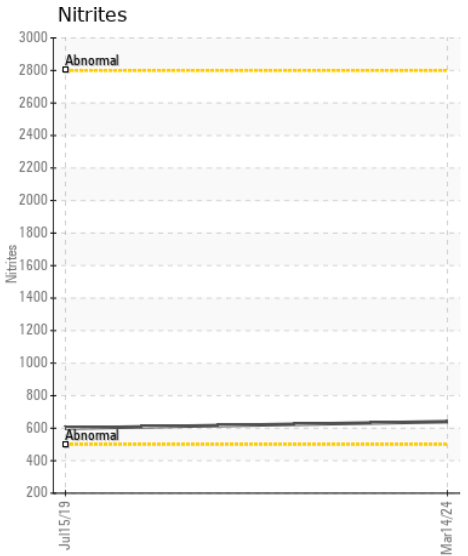
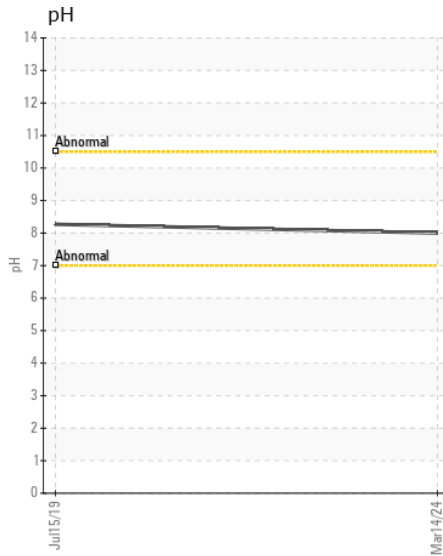
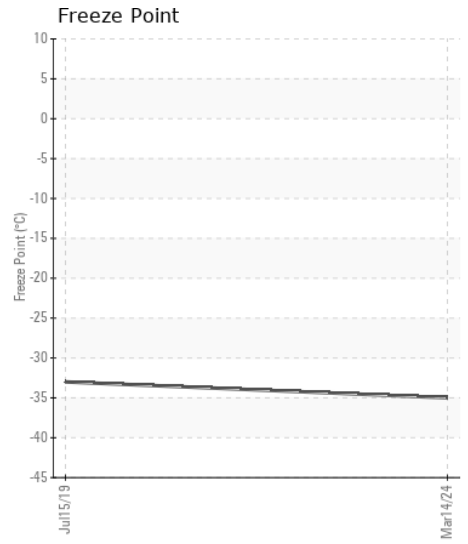
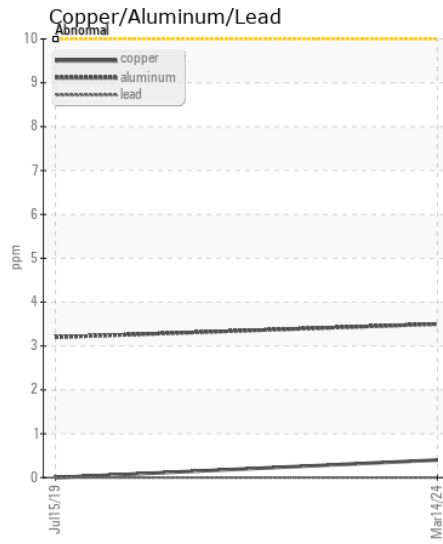
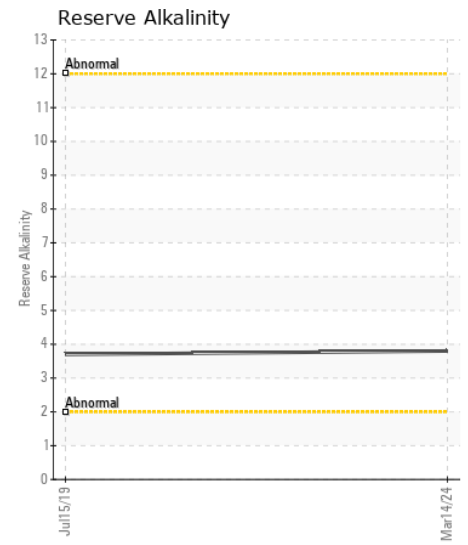
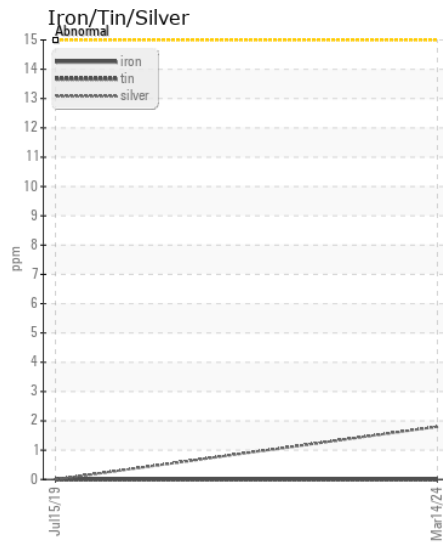
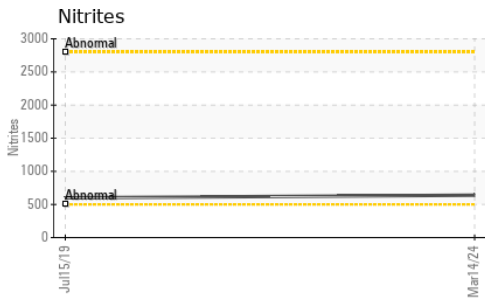
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	11	4	---
Magnesium	ppm	ASTM D5185(m)	>40	4	1	---
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. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.065	1.064	---
pH	Scale 0-14	ASTM D1287*	9.0	8.00	8.27	---
Nitrites	ppm	Alcan Test Kit*		640	600	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.8	3.7	---
Percentage Glycol	%	ASTM D3321*	50	48.7	47.0	---
Freezing Point	°C	ASTM D3321*	-40	-35	-33	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		10	8	---
Phosphorus	ppm	ASTM D5185(m)		7	64	---
Boron	ppm	ASTM D5185(m)		26	13	---
Molybdenum	ppm	ASTM D5185(m)		588	620	---
Sodium	ppm	ASTM D5185(m)		5709	3067	---
Potassium	ppm	ASTM D5185(m)		33	179	---
Coolant Color		Visual*	Orange/R	Red	Red	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0867591
Lab Number : 02625059
Unique Number : 5750178
Test Package : COOL (Additional Tests: GlycolType)
Received : 27 Mar 2024
Tested : 27 Mar 2024
Diagnosed : 28 Mar 2024 - Kevin Marson

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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.