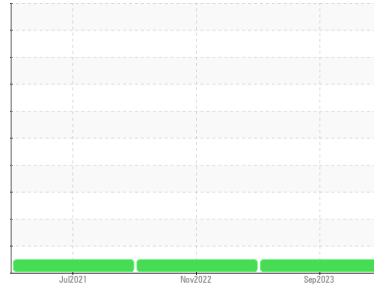




COOLANT REPORT

Sample Rating Trend

NORMAL



Machine Id
1688 - AERATION BUILDING

Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- GAL)

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) EXTENDED LIFE 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			WC0827545	WC0747651	WC0576696
Sample Date	Client Info			20 Sep 2023	02 Nov 2022	07 Jul 2021
Machine Age	hrs	Client Info		302	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*			1.068	1.067	1.065
pH	Scale 0-14	ASTM D1287*	9.0	7.65	7.82	7.61
Nitrites	ppm	Alcan Test Kit*		480	360	360
Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.4	6.1	6.9
Percentage Glycol	%	ASTM D3321*	50	50.9	49.6	48.0
Freezing Point	°C	ASTM D3321*	-40	-35	-33	-34
Carboxylate				---	---	---

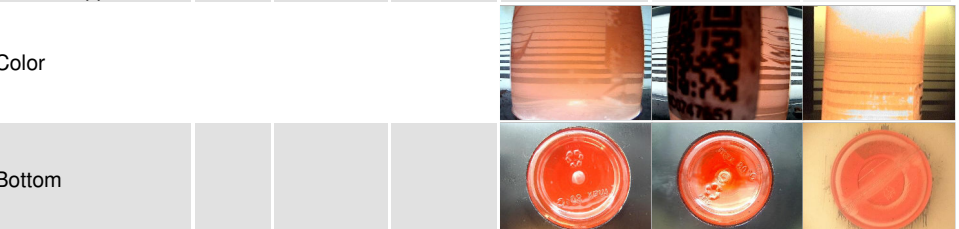
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		26	21	4
Phosphorus	ppm	ASTM D5185(m)		12	48	7
Boron	ppm	ASTM D5185(m)		1273	996	1021
Molybdenum	ppm	ASTM D5185(m)		0	4	<1

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	5	3	1
Aluminum	ppm	ASTM D5185(m)	>10	2	1	2
Copper	ppm	ASTM D5185(m)	>10	10	10	2
Lead	ppm	ASTM D5185(m)	>10	2	3	5
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Silver	ppm	ASTM D5185(m)	>10	2	0	<1
Zinc	ppm	ASTM D5185(m)		4	3	5

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		9577	3855	2448
Potassium	ppm	ASTM D5185(m)		88	163	123

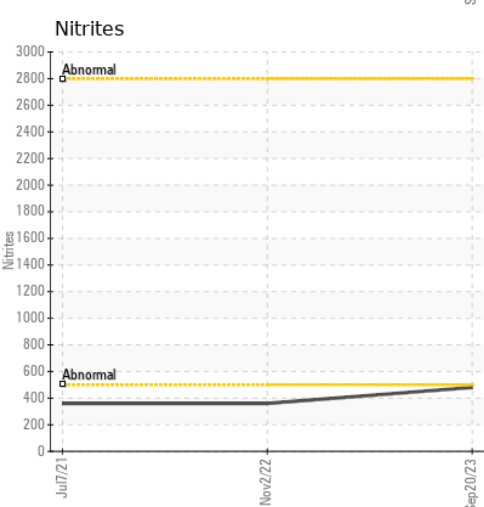
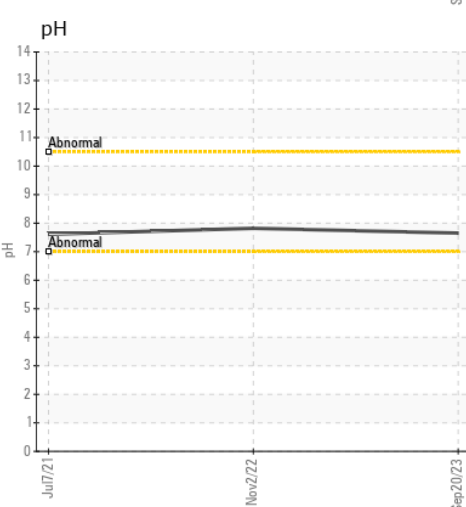
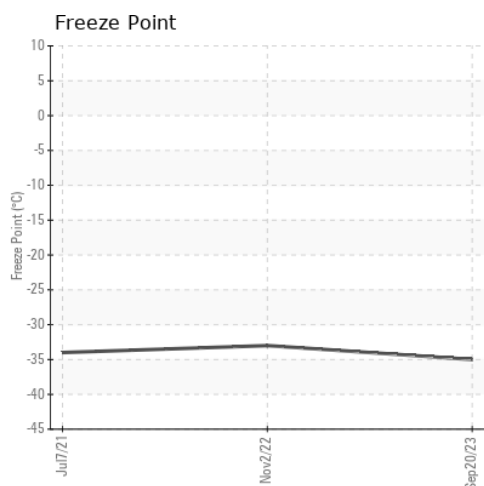
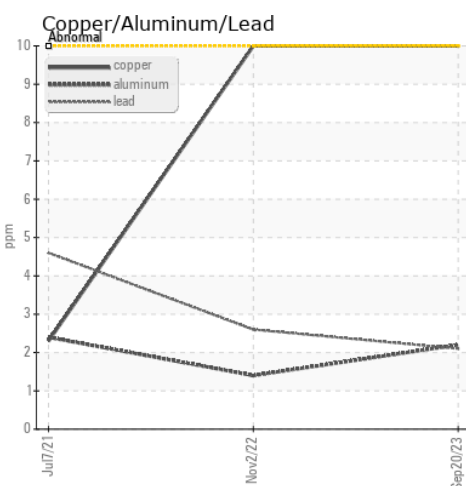
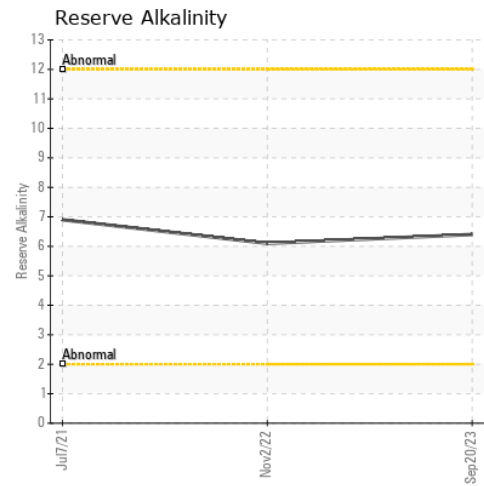
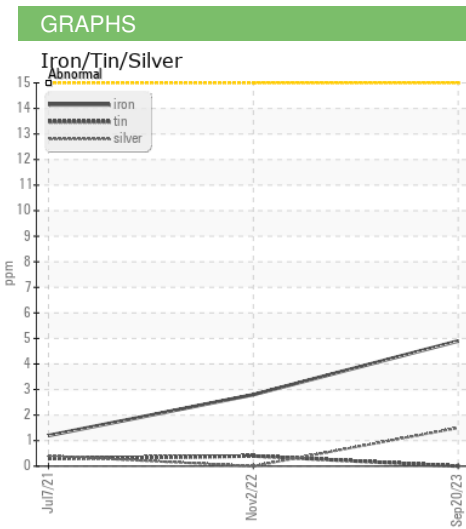
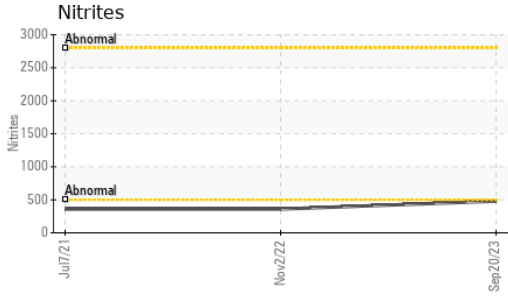
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	3	6	3
Magnesium	ppm	ASTM D5185(m)	>40	2	2	1
Hardness	mg/L CaCO3	In-house*	<75	14	25	---

VISUAL		method	limit/base	current	history1	history2
Coolant Color	Visual*	Orange/R		Orange	Orange	Orange
Coolant Appearance	Visual*	Clear		Clear	Clear	Clear





COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0827545 **Received** : 30 Oct 2023
Lab Number : 02592758 **Diagnosed** : 30 Oct 2023
Unique Number : 5669837 **Diagnostician** : Wes Davis
Test Package : COOL

Lighthouse Electric
 6714 6th Conc South
 Amherstburg, ON
 CA N9V 0C8
 Contact: Brad Purdie
 brad_lighthouse@hotmail.com
 T: (519)730-1310
 F:

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.