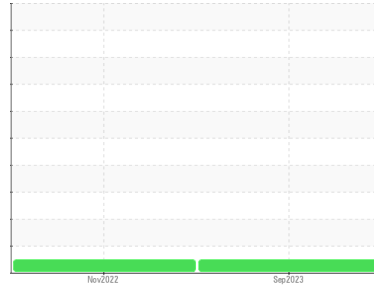




COOLANT REPORT

Sample Rating Trend

NORMAL



Machine Id
1681 - LAKEWOOD PUMP STATION

Component
Coolant
Fluid
HYBRID (HOAT) COOLANT (--- GAL)

DIAGNOSIS

Recommendation

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

Corrosion

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

Contaminants

There is no indication of any contamination in the coolant.

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.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0860150	WC0747649	---
Sample Date	Client Info			25 Sep 2023	08 Nov 2022	---
Machine Age	hrs	Client Info		132	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*			1.069	1.068	---
pH	Scale 0-14	ASTM D1287*		7.54	7.80	---
Nitrites	ppm	Alcan Test Kit*		1080	1000	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		7.0	6.9	---
Percentage Glycol	%	ASTM D3321*		51.0	50.5	---
Freezing Point	°C	ASTM D3321*		-38	-35	---
Carboxylate				---	---	---

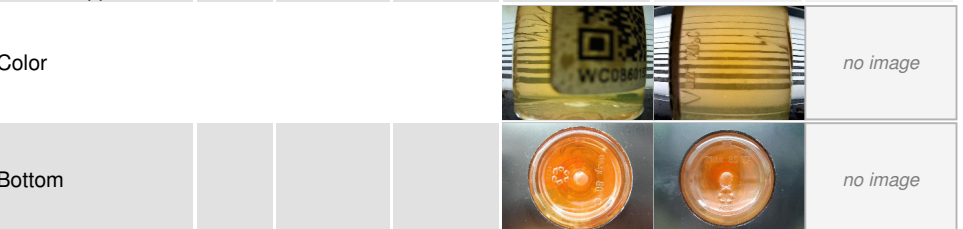
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		9	10	---
Phosphorus	ppm	ASTM D5185(m)		11	18	---
Boron	ppm	ASTM D5185(m)		1476	1058	---
Molybdenum	ppm	ASTM D5185(m)		<1	3	---

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

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		9315	3696	---
Potassium	ppm	ASTM D5185(m)		160	182	---

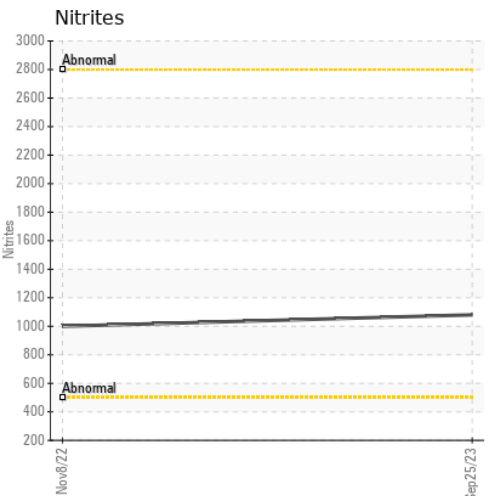
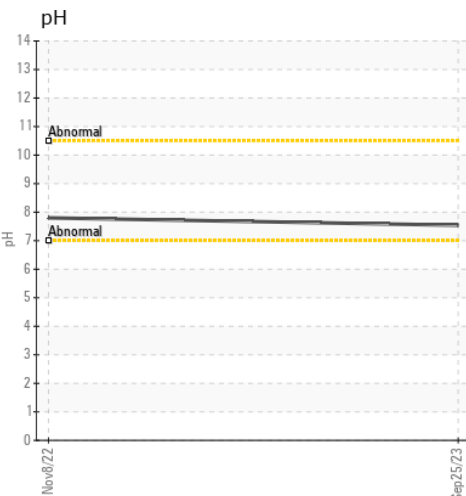
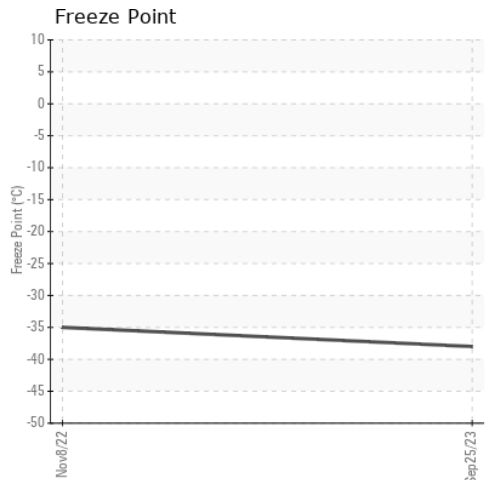
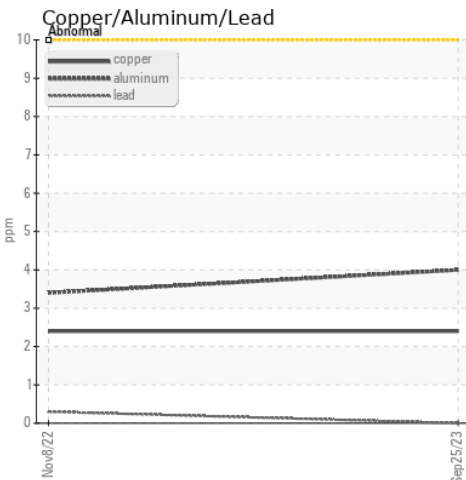
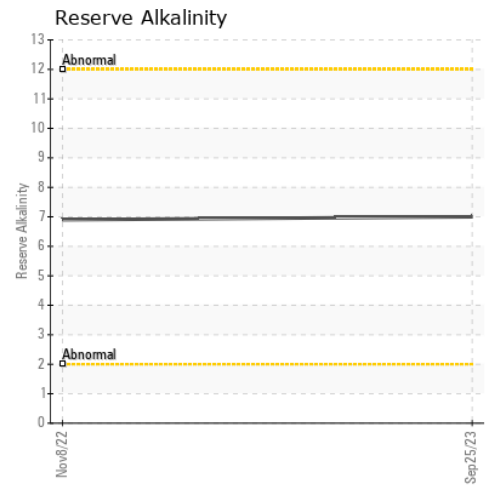
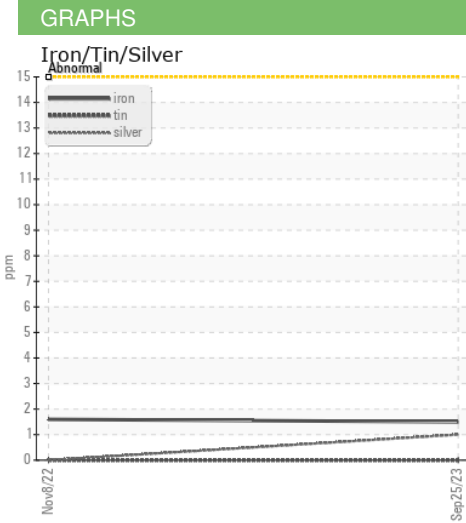
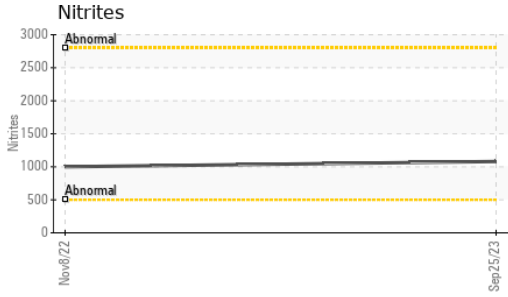
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	3	10	---
Magnesium	ppm	ASTM D5185(m)	>40	1	<1	---
Hardness	mg/L CaCO3	In-house*	<75	13	27	---

VISUAL		method	limit/base	current	history1	history2
Coolant Color	Visual*			Grn/Yellow	Grn/Yellow	---
Coolant Appearance	Visual*	Clear		Clear	Clear	---





COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0860150 **Received** : 30 Oct 2023
Lab Number : 02592764 **Diagnosed** : 31 Oct 2023
Unique Number : 5669843 **Diagnostician** : Kevin Marson
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.