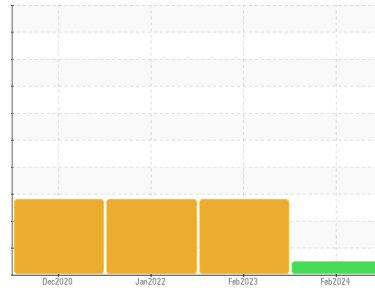




# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area  
**Instrument Air**  
 Machine Id  
**V955201B AIR COMPRESSOR SKID B**  
 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 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		<b>PP13960734</b>	PP13833866	PP13688497
Sample Date	Client Info		<b>13 Feb 2024</b>	23 Feb 2023	30 Jan 2022
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	ABNORMAL	ABNORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		<b>UNK</b>	---	---
Specific Gravity	ASTM D1298*		<b>1.076</b>	1.078	1.077
pH	Scale 0-14	ASTM D1287*	<b>8.24</b>	8.20	7.74
Nitrites	ppm	Alcan Test Kit*	<b>280</b>	▲ 320	▲ 120
Reserve Alkalinity	Scale 0-20	ASTM D1121*	<b>4.2</b>	▲ 1.5	▲ 0.6
Percentage Glycol	%	ASTM D3321*	<b>56.7</b>	59.0	58.0
Freezing Point	°C	ASTM D3321*	<b>-46</b>	-56	-49
Carboxylate			<b>---</b>	---	---

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>6</b>	6	7
Phosphorus	ppm	ASTM D5185(m)	<b>7</b>	6	6
Boron	ppm	ASTM D5185(m)	<b>8</b>	5	9
Molybdenum	ppm	ASTM D5185(m)	<b>9</b>	41	15

## CORROSION

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

## CARRIER SALTS

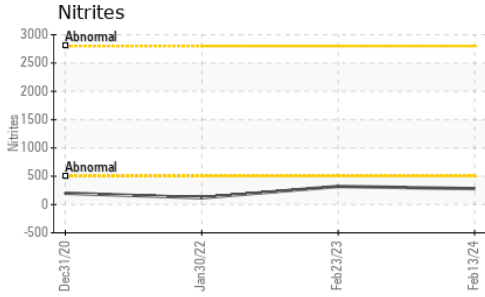
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>335</b>	388
Potassium	ppm	ASTM D5185(m)		<b>23</b>	16

## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>10</b>	13
Magnesium	ppm	ASTM D5185(m)	>40	<b>5</b>	5
Hardness	mg/L CaCO3	In-house*	<75	<b>42</b>	52

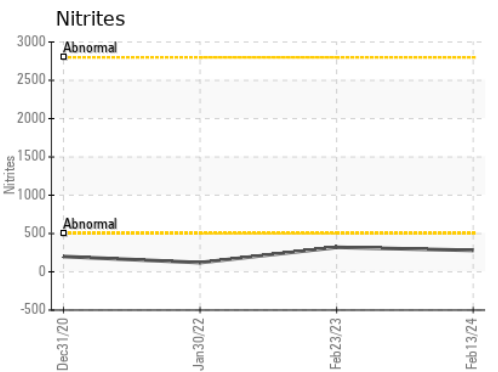
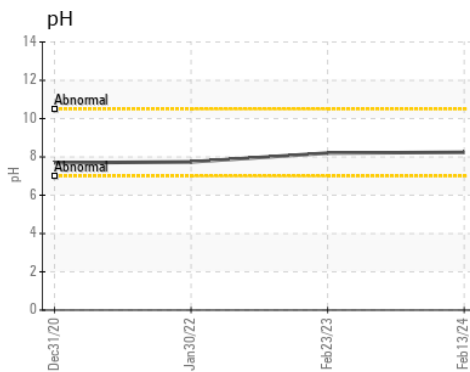
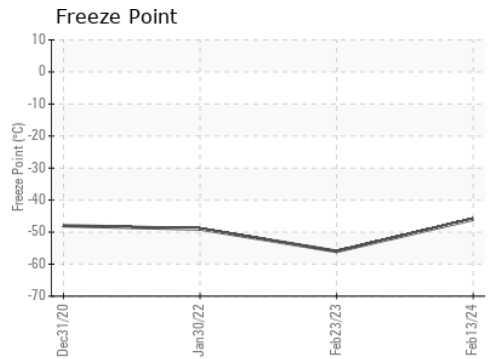
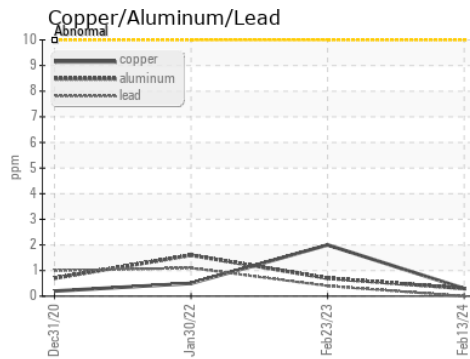
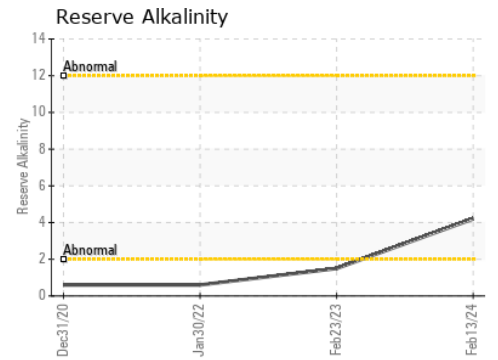
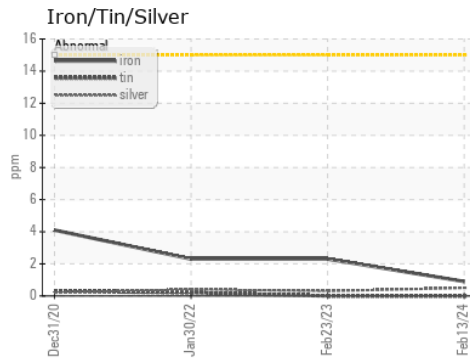


# COOLANT REPORT



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

## GRAPHS



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PP13960734  
**Lab Number** : 02625463  
**Unique Number** : 5750582  
**Test Package** : COOL ( Additional Tests: GlycolType )

**ExxonMobil Canada East Ltd.**  
 Hebron-Materials and Repair Coordin, Suite 1000, 100 New Gow  
 St. John's, NL  
 CA A1C 6K3  
 Contact: Liam Maher  
 liam.m.maher@exxonmobil.com  
 T: (709)273-3729  
 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.