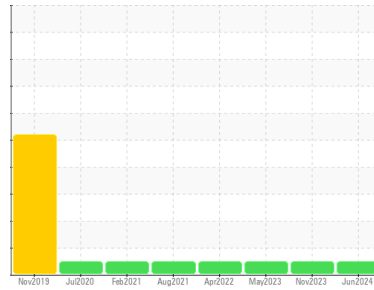


# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area

## Power Generation

Machine Id  
**V837200 STANDBY POWER GENERATION 600V PACKAGE**

Component

Coolant

Fluid

**EXTENDED LIFE COOLANT (113 LTR)**

### 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			<b>PC14006128</b>	PP13937458	PP13863040
Sample Date	Client Info			<b>18 Jun 2024</b>	27 Nov 2023	17 May 2023
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>	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			<b>UNK</b>	---	---
Specific Gravity	ASTM D1298*			<b>1.063</b>	1.064	1.065
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.98</b>	8.30	8.39
Nitrites	ppm	Alcan Test Kit*		<b>880</b>	1280	720
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>2.4</b>	2.2	2.4
Percentage Glycol	%	ASTM D3321*	50	<b>46.8</b>	47.7	47.8
Freezing Point	°C	ASTM D3321*	-40	<b>-32</b>	-28	-28
Carboxylate				<b>---</b>	---	---

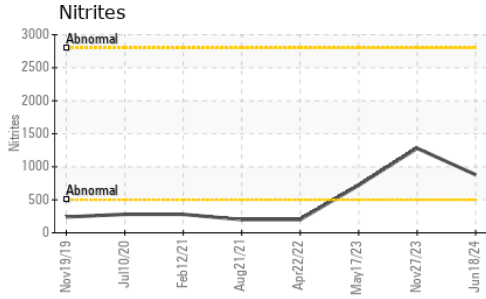
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<b>27</b>	16	27
Phosphorus	ppm	ASTM D5185(m)		<b>8</b>	7	16
Boron	ppm	ASTM D5185(m)		<b>64</b>	57	89
Molybdenum	ppm	ASTM D5185(m)		<b>155</b>	142	180

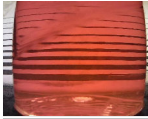
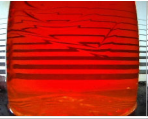
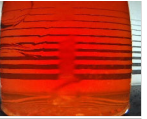
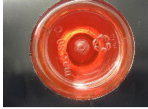


CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	0	3
Aluminum	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	2
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>10	<b>0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

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>3697</b>	4975	2728
Potassium	ppm	ASTM D5185(m)		<b>4285</b>	6305	2597

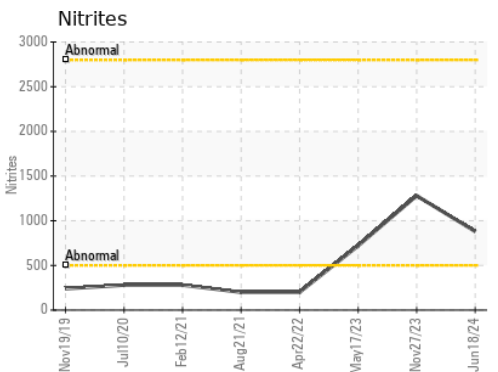
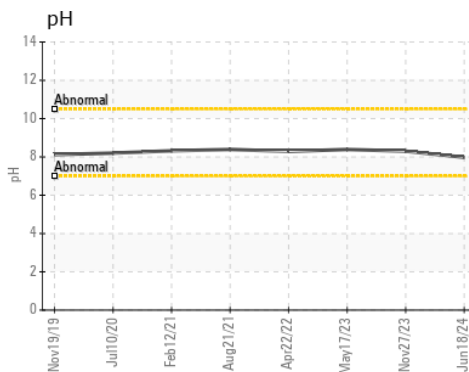
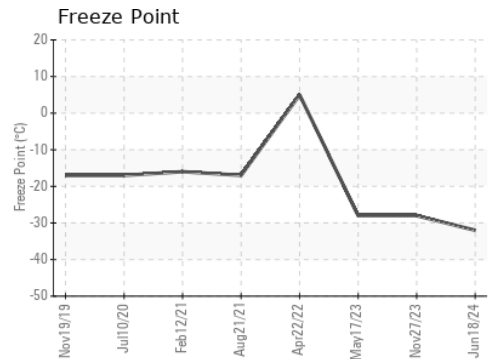
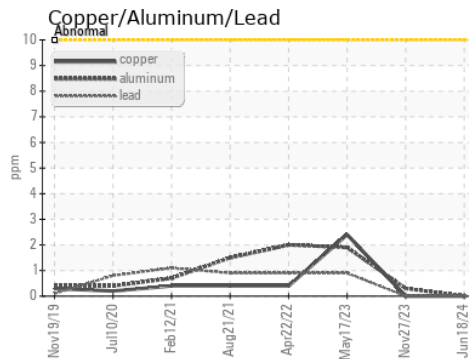
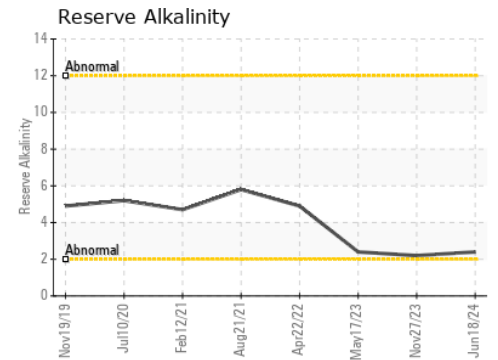
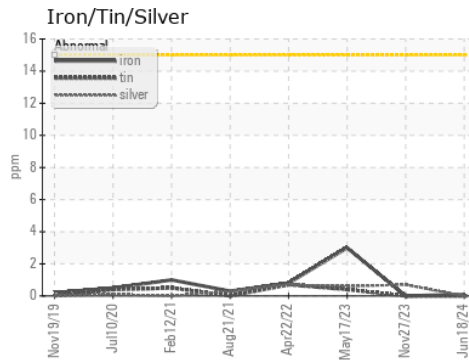
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>5</b>	5	13
Magnesium	ppm	ASTM D5185(m)	>40	<b>4</b>	2	6
Hardness	mg/L CaCO3	In-house*	<75	<b>28</b>	21	58

# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Orange/R	<b>Red</b>	Red	Red
Coolant Appearance	Visual*	Clear	<b>Clear</b>	Clear	Clear
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC14006128 **Received** : 15 Jul 2024  
**Lab Number** : **02647963** **Tested** : 16 Jul 2024  
**Unique Number** : 5813515 **Diagnosed** : 16 Jul 2024 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: GlycolType )

**ExxonMobil Canada East Ltd.**  
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 St. John's, NL  
 CA A1C 6K3  
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 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.