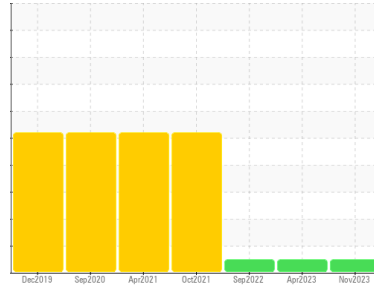




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
Firewater
 Machine Id
V411201B FWP PACKAGE B

Component
Coolant
 Fluid
EXTENDED LIFE 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			PP13927503	PP13852824	PP13819968
Sample Date	Client Info			10 Nov 2023	13 Apr 2023	15 Sep 2022
Machine Age	hrs	Client Info		0	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*			1.063	1.063	1.063
pH	Scale 0-14	ASTM D1287*	9.0	8.18	8.29	8.41
Nitrites	ppm	Alcan Test Kit*		1480	1000	1000
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.3	3.2	3.8
Percentage Glycol	%	ASTM D3321*	50	46.3	46.5	46.2
Freezing Point	°C	ASTM D3321*	-40	-26	-26	-26
Carboxylate				---	---	---

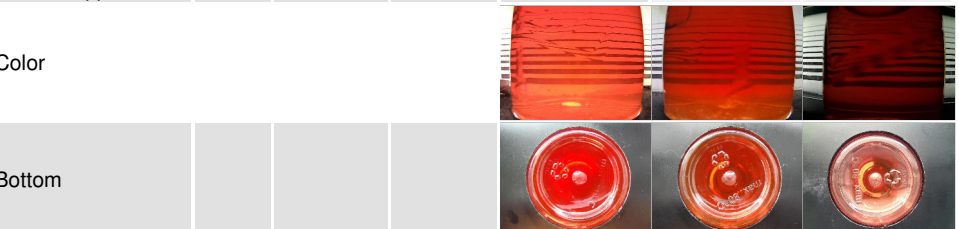
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		28	38	33
Phosphorus	ppm	ASTM D5185(m)		13	15	12
Boron	ppm	ASTM D5185(m)		90	136	139
Molybdenum	ppm	ASTM D5185(m)		129	174	181

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

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		4621	2790	2821
Potassium	ppm	ASTM D5185(m)		5422	2602	2724

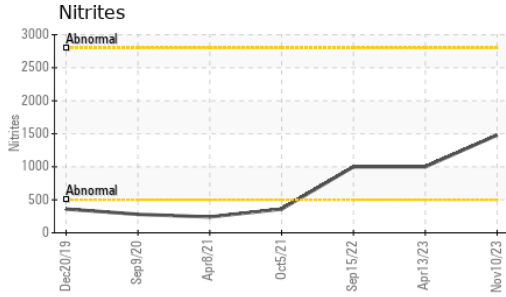
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	6	12	12
Magnesium	ppm	ASTM D5185(m)	>40	3	8	7
Hardness	mg/L CaCO3	In-house*	<75	26	62	57

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

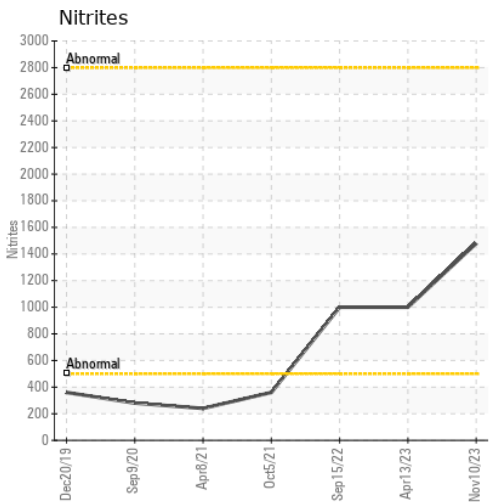
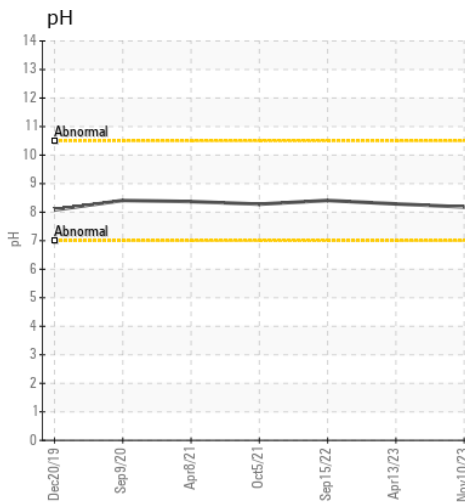
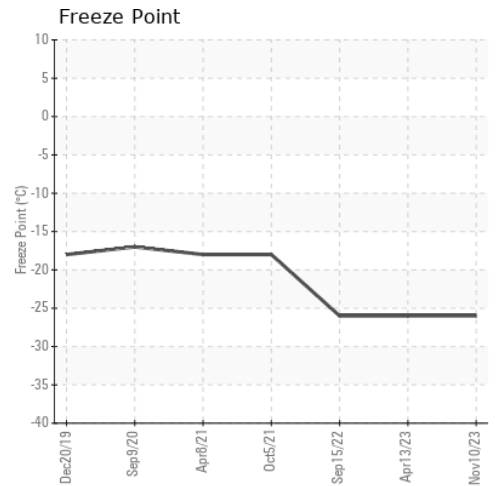
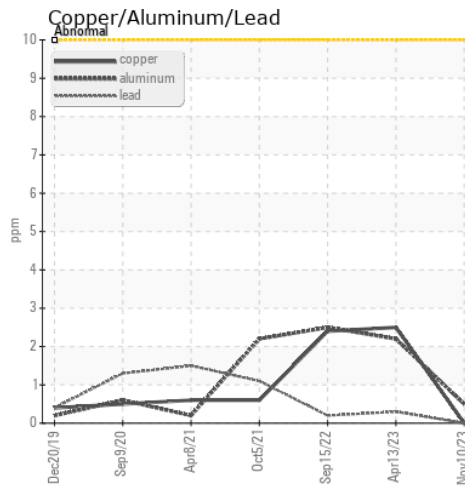
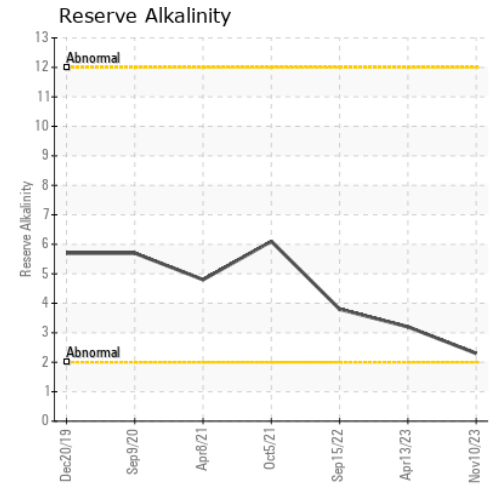
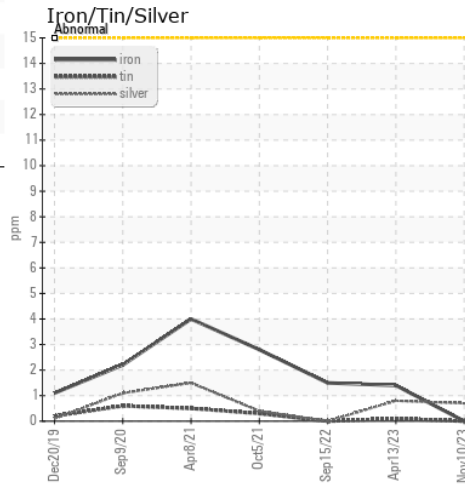




COOLANT REPORT



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PP13927503
Lab Number : 02602437
Unique Number : 5695522
Test Package : COOL

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