



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
EQUINIX [154820]
 Machine Id
GENERATOR D (S/N 33144703)
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0022842	CU0020951	CU0016518
Sample Date		Client Info		02 Apr 2024	29 Mar 2023	25 Sep 2021
Machine Age	hrs	Client Info		515	498	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	4	4	2
Aluminum	ppm	ASTM D5185(m)	>10	3	6	3
Copper	ppm	ASTM D5185(m)	>10	<1	2	<1
Lead	ppm	ASTM D5185(m)	>10	0	0	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	<1	0	<1
Zinc	ppm	ASTM D5185(m)	>10	5	<1	<1

CONTAMINANTS

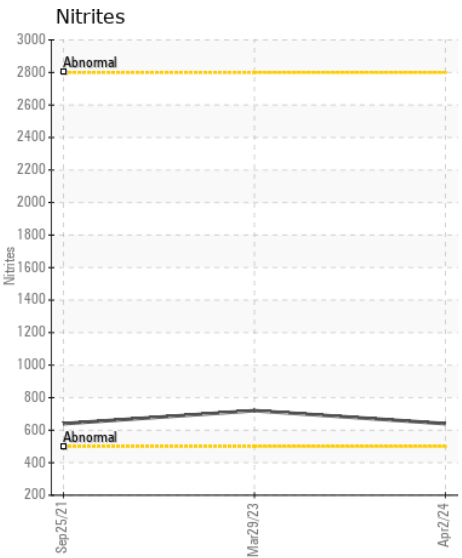
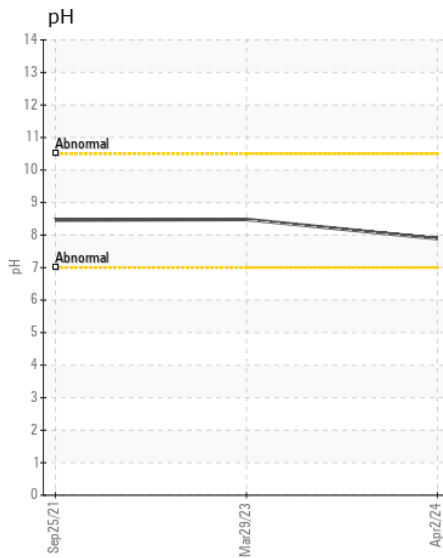
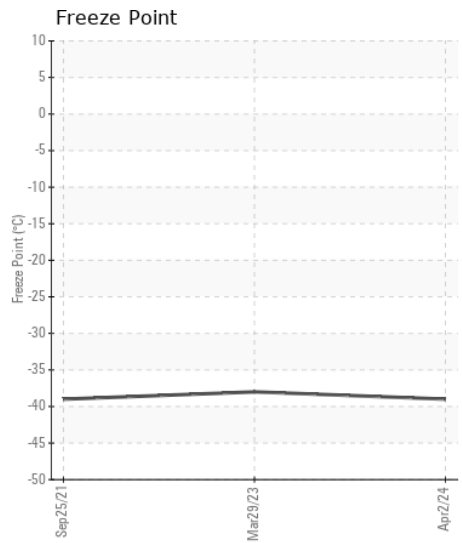
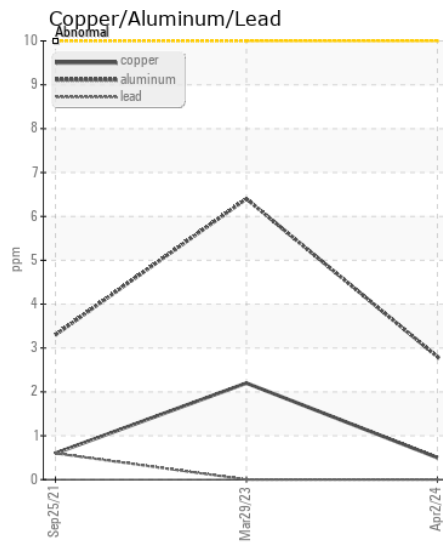
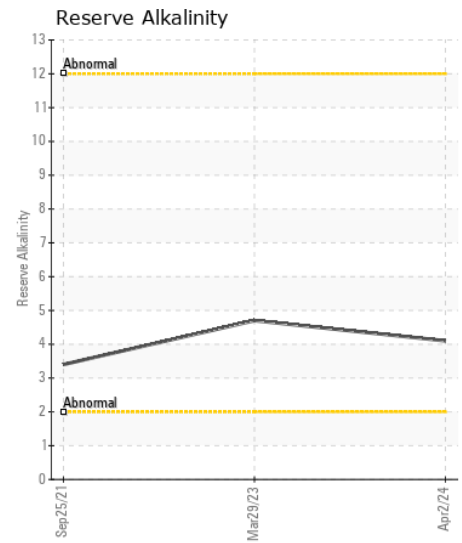
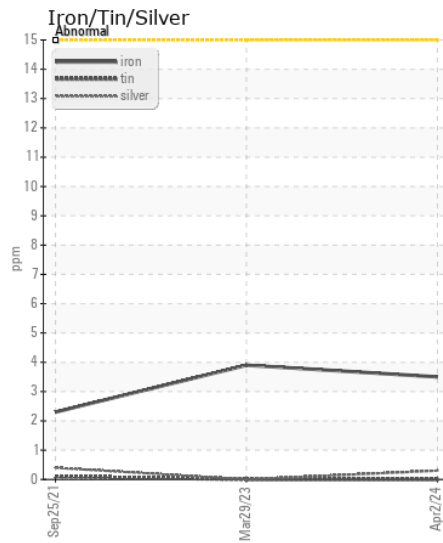
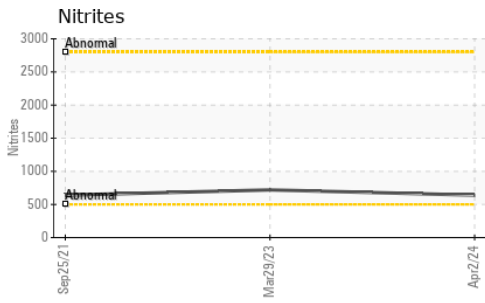
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	11	6	2
Magnesium	ppm	ASTM D5185(m)	>40	2	2	1
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Clear	Clear	Clear

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.

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.069	1.069	1.069
pH	Scale 0-14	ASTM D1287*	9.0	7.89	8.48	8.46
Nitrites	ppm	Alcan Test Kit*		640	720	640
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.1	4.7	3.4
Percentage Glycol	%	ASTM D3321*	50	51.5	51.6	51.0
Freezing Point	°C	ASTM D3321*	-40	-39	-38	-39
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		17	37	23
Phosphorus	ppm	ASTM D5185(m)		88	176	111
Boron	ppm	ASTM D5185(m)		32	51	35
Molybdenum	ppm	ASTM D5185(m)		516	675	642
Sodium	ppm	ASTM D5185(m)		5122	3430	2301
Potassium	ppm	ASTM D5185(m)		644	738	679
Coolant Color		Visual*	Orange/R	Orange	Orange	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022842
Lab Number : 02632101
Unique Number : 5773254
Test Package : COOL (Additional Tests: GlycolType)

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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.