



Machine Id
1215
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0083709	PC0075882	WC0067586
Sample Date		Client Info		16 Jan 2024	17 Oct 2023	19 Jan 2023
Machine Age	hrs	Client Info		12644	7607	6397
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>15	0	0	1
Aluminum	ppm	ASTM D5185(m)	>10	5	5	7
Copper	ppm	ASTM D5185(m)	>10	0	<1	2
Lead	ppm	ASTM D5185(m)	>10	0	0	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	<1	<1	0
Zinc	ppm	ASTM D5185(m)	>10	2	0	2

CONTAMINANTS

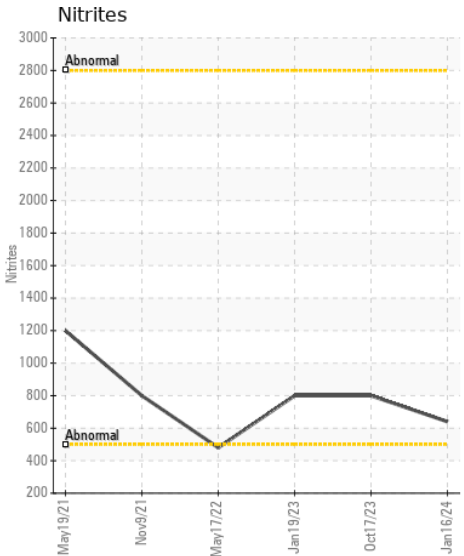
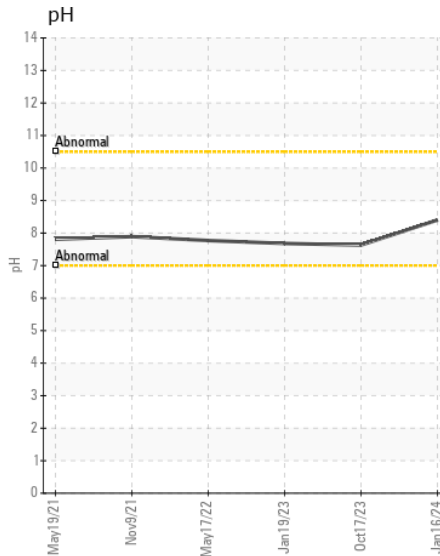
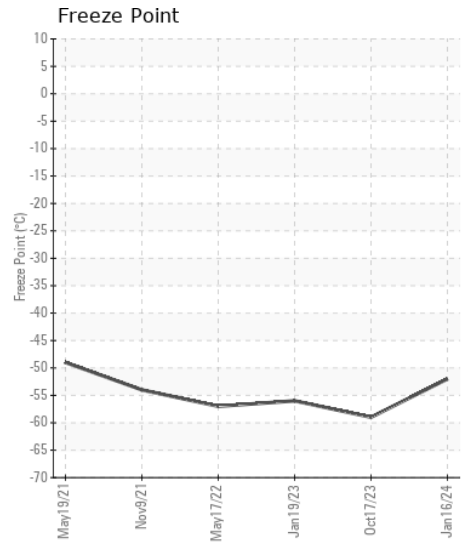
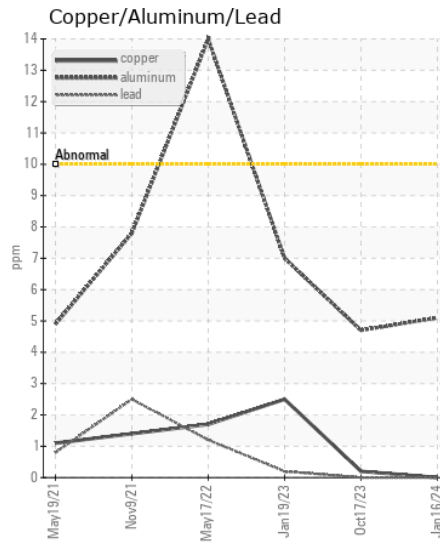
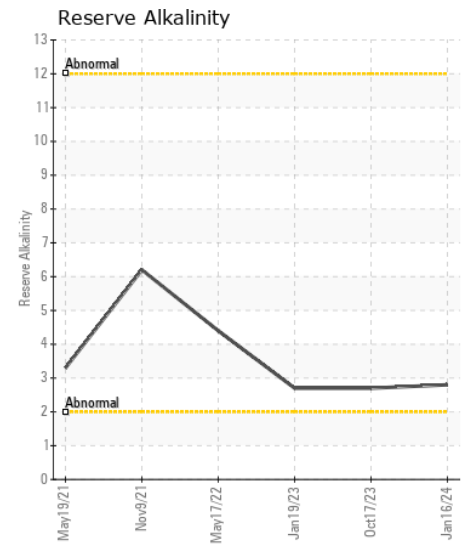
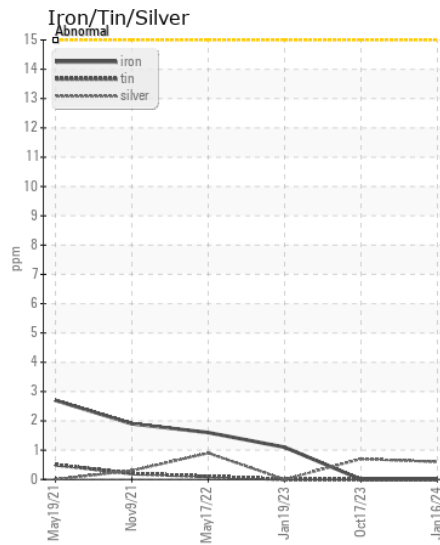
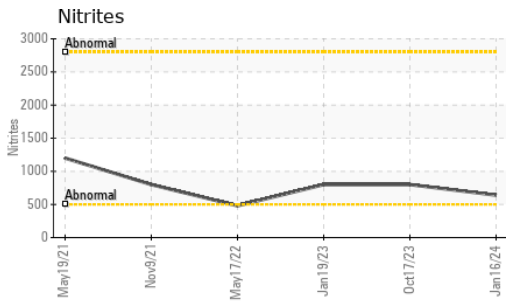
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	19	6	10
Magnesium	ppm	ASTM D5185(m)	>40	2	2	4
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Clear	Clear	Clear

COOLANT CONDITION

The condition of the coolant is acceptable for the time in service.

Specific Gravity		ASTM D1298*		1.077	1.081	1.079
pH	Scale 0-14	ASTM D1287*	9.0	8.40	7.63	7.68
Nitrites	ppm	Alcan Test Kit*		640	800	800
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.8	2.7	2.7
Percentage Glycol	%	ASTM D3321*	50	57.6	61.7	59.4
Freezing Point	°C	ASTM D3321*	-40	-52	-59	-56
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		69	86	91
Phosphorus	ppm	ASTM D5185(m)		6	2	4
Boron	ppm	ASTM D5185(m)		33	27	39
Molybdenum	ppm	ASTM D5185(m)		526	522	641
Sodium	ppm	ASTM D5185(m)		4388	8299	3951
Potassium	ppm	ASTM D5185(m)		6633	803	802
Coolant Color		Visual*	Orange/R	Red	Red	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
Sample No. : PC0083709 **Received** : 17 Jan 2024
Lab Number : 02609547 **Diagnosed** : 18 Jan 2024
Unique Number : 5710633 **Diagnostician** : Wes Davis
Test Package : COOL

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.

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