



Machine Id
1521
Component
Coolant
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0083702	PC0077742	PC0067131
Sample Date		Client Info		21 Jan 2024	06 Jul 2023	11 Jan 2023
Machine Age	hrs	Client Info		2916	2053	1031
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	<1	<1
Aluminum	ppm	ASTM D5185(m)	>10	3	3	4
Copper	ppm	ASTM D5185(m)	>10	0	2	2
Lead	ppm	ASTM D5185(m)	>10	0	<1	0
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	<1	<1	0
Zinc	ppm	ASTM D5185(m)	>10	0	1	1

CONTAMINANTS

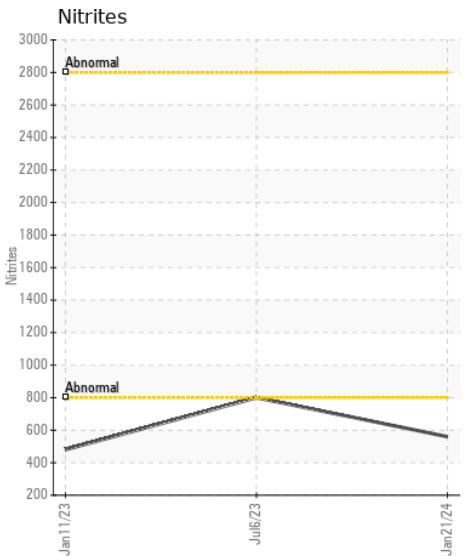
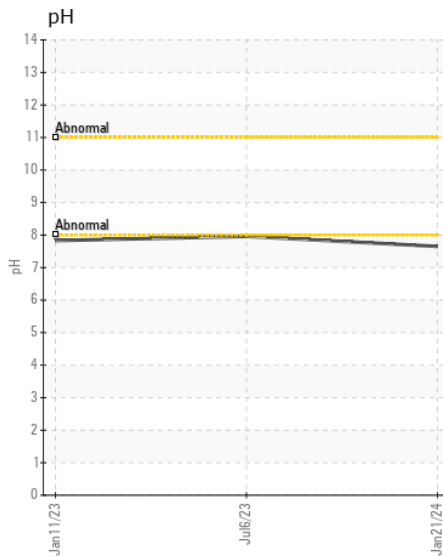
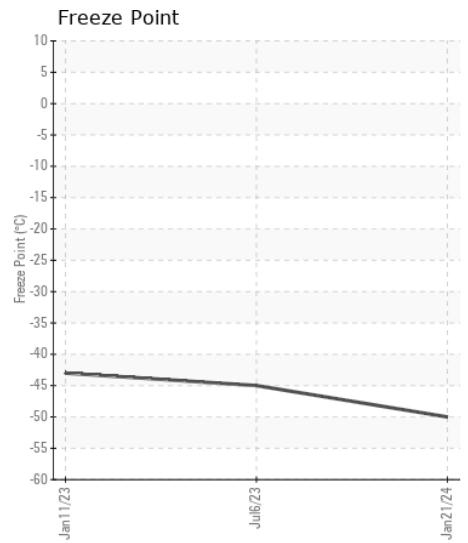
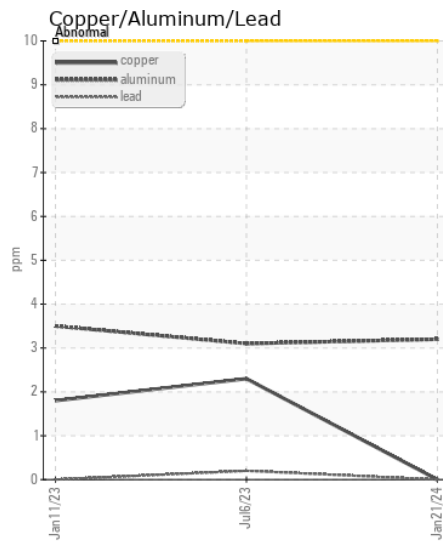
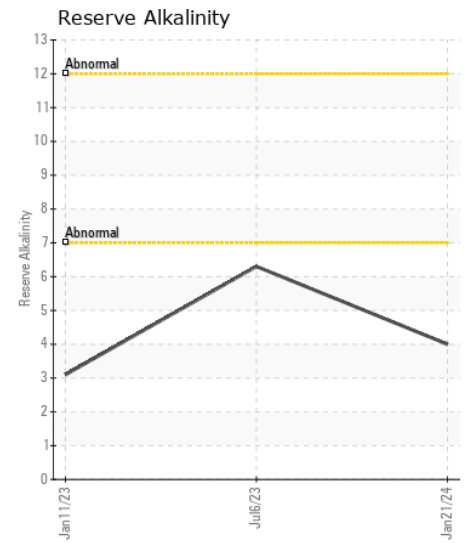
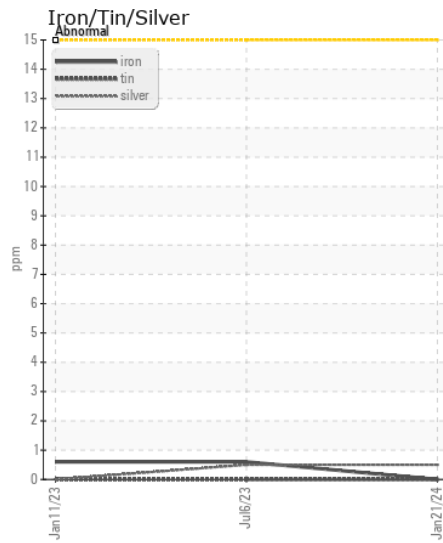
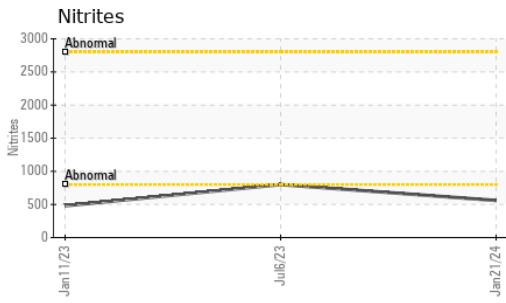
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	8	11	4
Magnesium	ppm	ASTM D5185(m)	>40	3	6	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*		1.075	1.073	1.072
pH	Scale 0-14	ASTM D1287*		7.65	7.96	7.83
Nitrites	ppm	Alcan Test Kit*		560	800	480
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.0	6.3	3.1
Percentage Glycol	%	ASTM D3321*		56.0	54.3	53.5
Freezing Point	°C	ASTM D3321*		-50	-45	-43
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		75	51	23
Phosphorus	ppm	ASTM D5185(m)		9	8	6
Boron	ppm	ASTM D5185(m)		5	16	4
Molybdenum	ppm	ASTM D5185(m)		541	634	610
Sodium	ppm	ASTM D5185(m)		8252	4034	4341
Potassium	ppm	ASTM D5185(m)		62	8	51
Coolant Color		Visual*		Red	Red	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
Sample No. : PC0083702 **Received** : 22 Jan 2024 270 RUE BRUNET
Lab Number : 02610470 **Diagnosed** : 24 Jan 2024 MONT ST-HILAIRE, QC
Unique Number : 5711556 **Diagnostician** : Wes Davis CA J3H 0M6
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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