



Machine Id
7502
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) EXTENDED LIFE COOLANT. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0072003	PC0046339	PC0025254
Sample Date		Client Info		07 Jan 2024	11 Apr 2021	15 Jan 2020
Machine Age	hrs	Client Info		5751	5121	4836
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changed
Sample Status				NORMAL	SEVERE	SEVERE

CORROSION

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>15	3	35	49
Aluminum	ppm	ASTM D5185(m)	>10	3	<1	1
Copper	ppm	ASTM D5185(m)	>10	0	18	20
Lead	ppm	ASTM D5185(m)	>10	0	1	<1
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Silver	ppm	ASTM D5185(m)	>10	1	0	0
Zinc	ppm	ASTM D5185(m)	>10	2	43	46

CONTAMINANTS

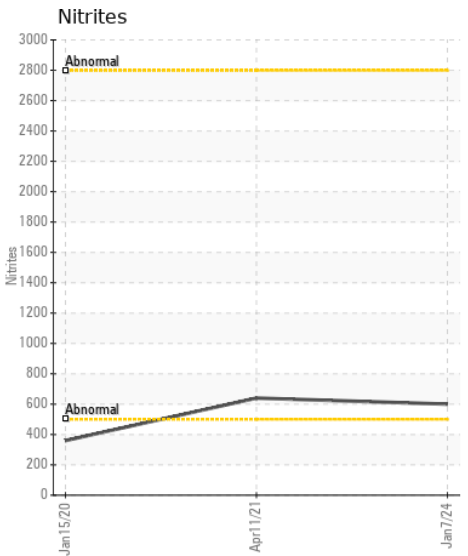
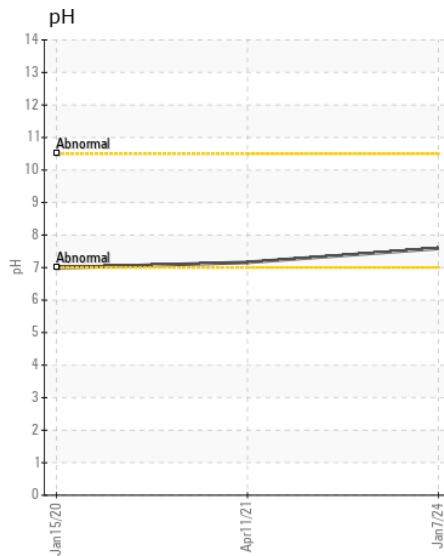
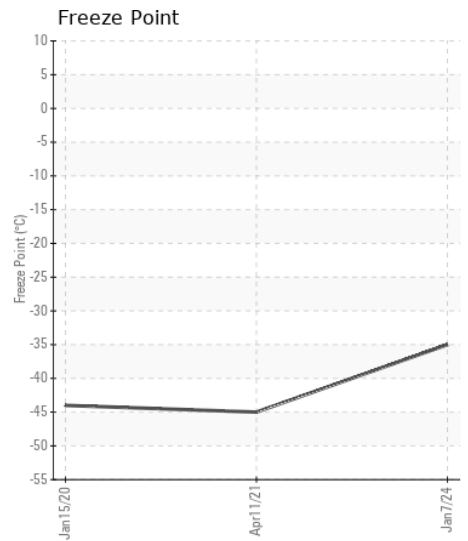
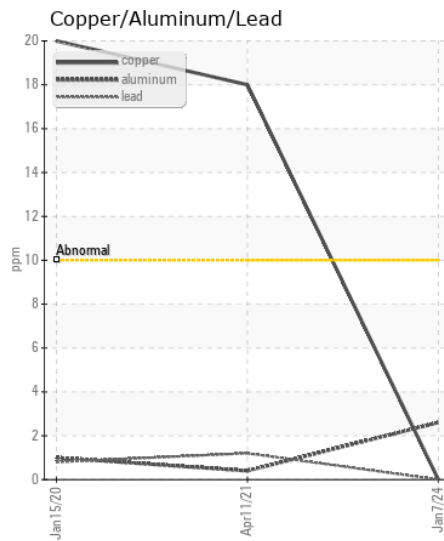
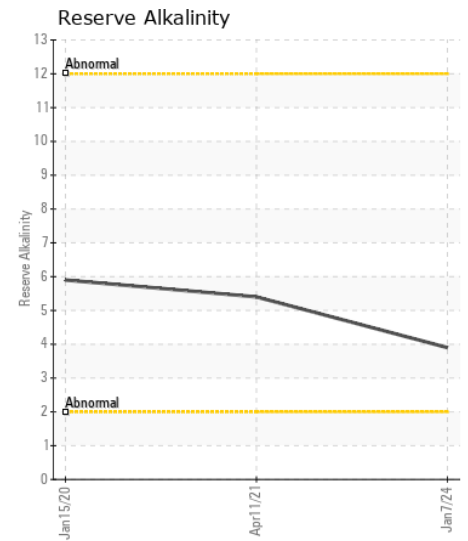
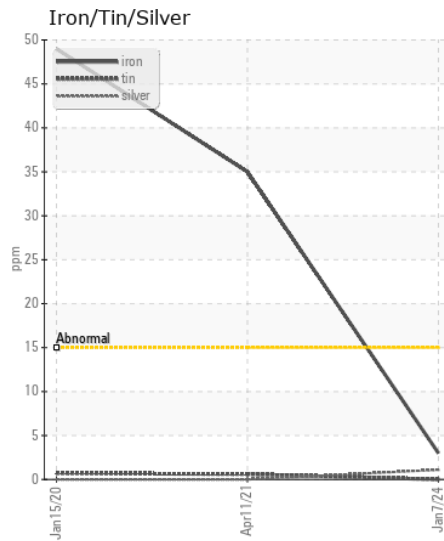
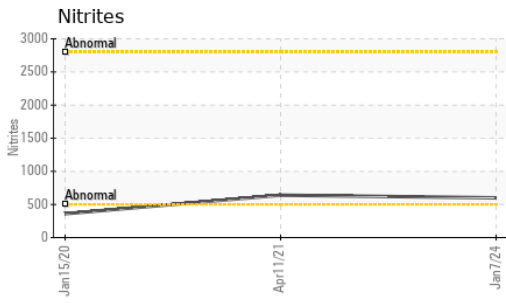
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	9	8	8
Magnesium	ppm	ASTM D5185(m)	>40	1	3	3
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*		1.068	1.074	1.072
pH	Scale 0-14	ASTM D1287*	9.0	7.59	7.16	6.99
Nitrites	ppm	Alcan Test Kit*		600	640	360
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.9	5.4	5.9
Percentage Glycol	%	ASTM D3321*	50	50.6	55.0	54.0
Freezing Point	°C	ASTM D3321*	-40	-35	-45	-44
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		31	38	58
Phosphorus	ppm	ASTM D5185(m)		28	20	37
Boron	ppm	ASTM D5185(m)		91	741	933
Molybdenum	ppm	ASTM D5185(m)		495	176	216
Sodium	ppm	ASTM D5185(m)		2038	3768	3774
Potassium	ppm	ASTM D5185(m)		12954	252	317
Coolant Color		Visual*	Orange/R	Red	Orange	Yellow



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
Sample No. : PC0072003 **Received** : 08 Jan 2024 270 RUE BRUNET
Lab Number : 02607331 **Diagnosed** : 09 Jan 2024 MONT ST-HILAIRE, QC
Unique Number : 5708417 **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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