



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area

[142229]

Machine Id

VOLVO AGNES ST. S[S

Component

Coolant

Fluid

EXTENDED LIFE COOLANT (--- LTR)

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		WC0919635	WC0572429	WC0449624
Sample Date		Client Info		05 Apr 2024	22 Apr 2021	30 Mar 2020
Machine Age	hrs	Client Info		0	0	57
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 metal levels are normal indicating no corrosion in the cooling system.

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

CONTAMINANTS

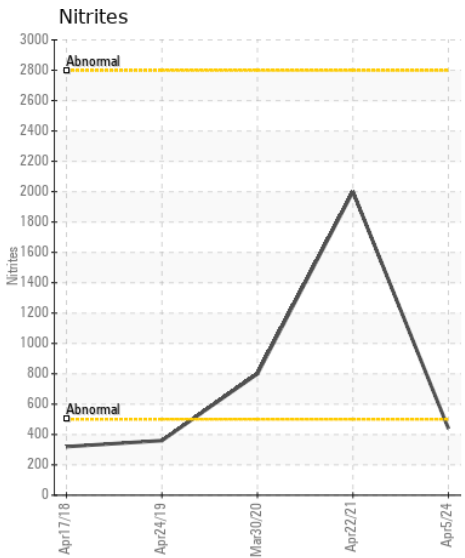
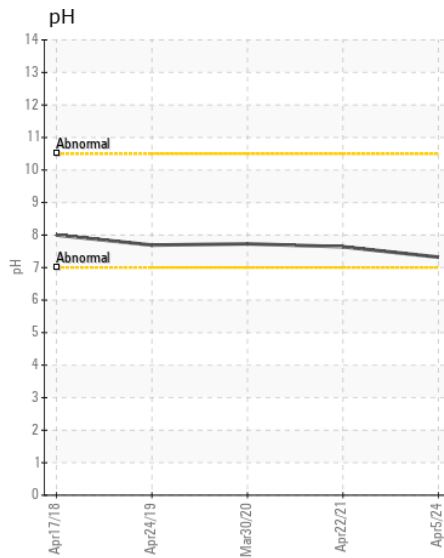
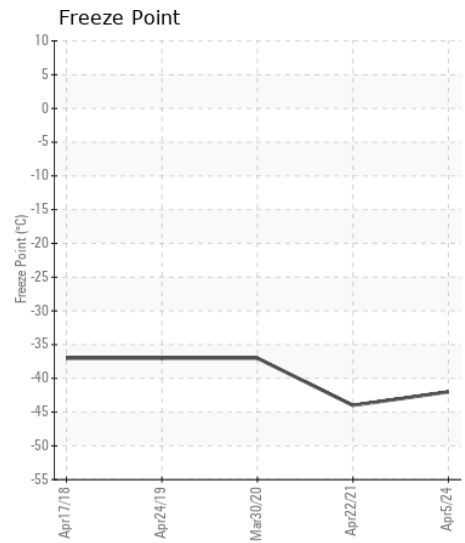
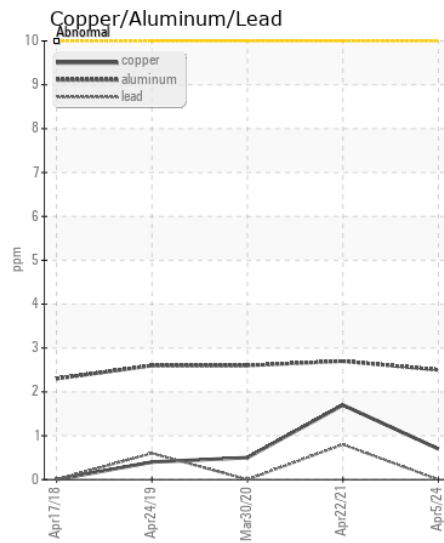
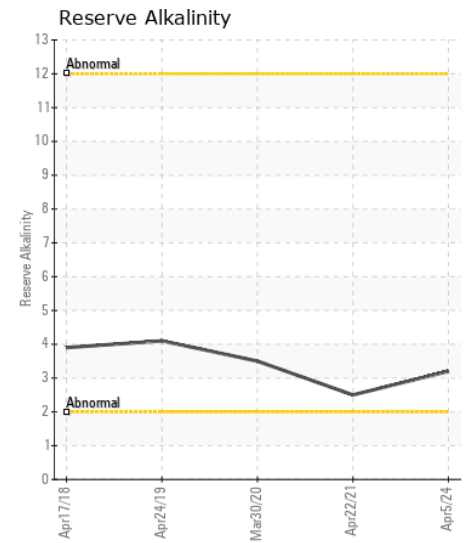
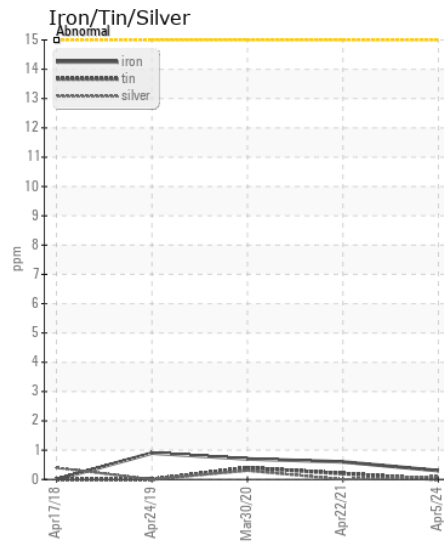
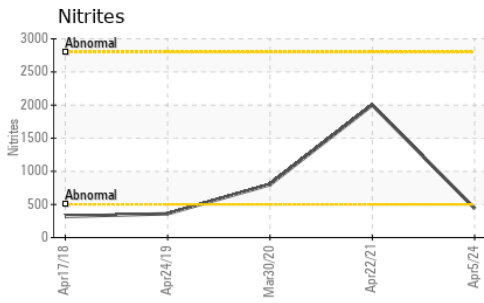
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	5	16	5
Magnesium	ppm	ASTM D5185(m)	>40	2	3	2
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	---	Clear	Cloudy

COOLANT CONDITION

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*		1.071	1.072	1.067
pH	Scale 0-14	ASTM D1287*	9.0	7.32	7.64	7.73
Nitrites	ppm	Alcan Test Kit*		440	2000	800
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.2	2.5	3.5
Percentage Glycol	%	ASTM D3321*	50	53.2	54.0	50.0
Freezing Point	°C	ASTM D3321*	-40	-42	-44	-37
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		8	12	35
Phosphorus	ppm	ASTM D5185(m)		16	12	13
Boron	ppm	ASTM D5185(m)		232	282	277
Molybdenum	ppm	ASTM D5185(m)		41	69	118
Sodium	ppm	ASTM D5185(m)		5422	3333	3321
Potassium	ppm	ASTM D5185(m)		94	48	440
Coolant Color		Visual*	Orange/R	---	Red	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0919635 **Received** : 15 Apr 2024
Lab Number : 02629045 **Tested** : 17 Apr 2024
Unique Number : 5762177 **Diagnosed** : 17 Apr 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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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