



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area

[24415]

Machine Id

109762

Component

Coolant

Fluid

VOLVO COOLANT VCS (YELLOW) (--- 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		WC0933632	WC0521232	---
Sample Date		Client Info		05 Jun 2024	01 Nov 2022	---
Machine Age	hrs	Client Info		0	11	---
Oil Age	hrs	Client Info		0	11	---
Oil Changed		Client Info		N/A	Not Changd	---
Sample Status				NORMAL	ABNORMAL	---

CORROSION

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

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

CONTAMINANTS

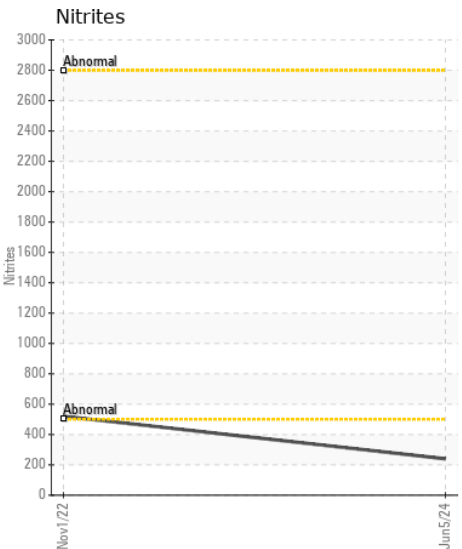
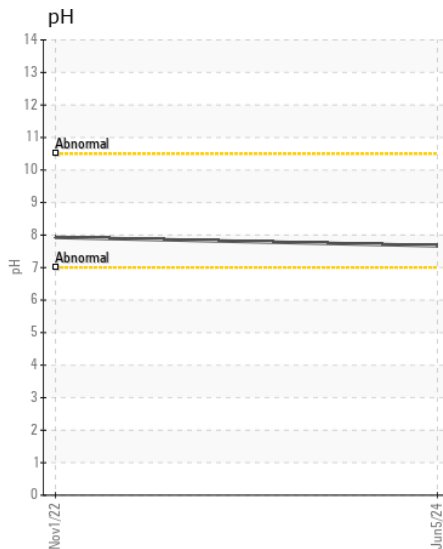
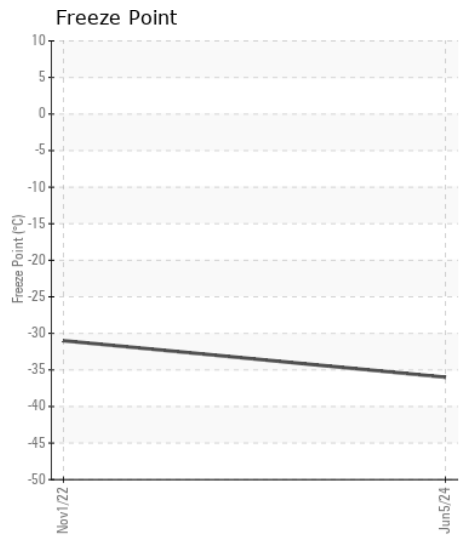
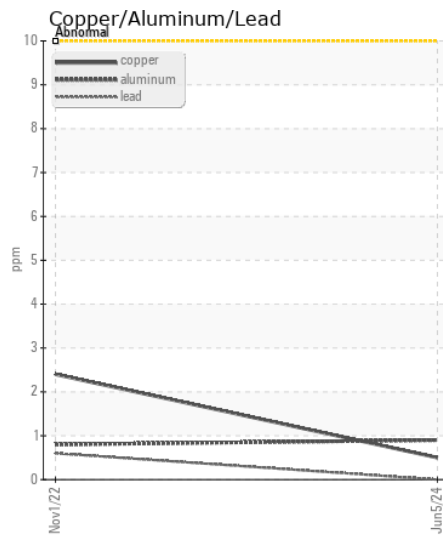
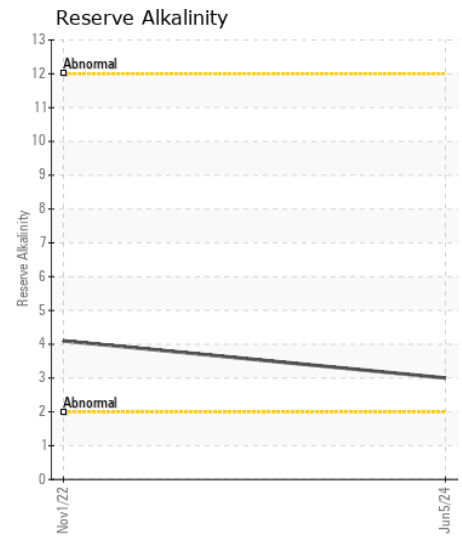
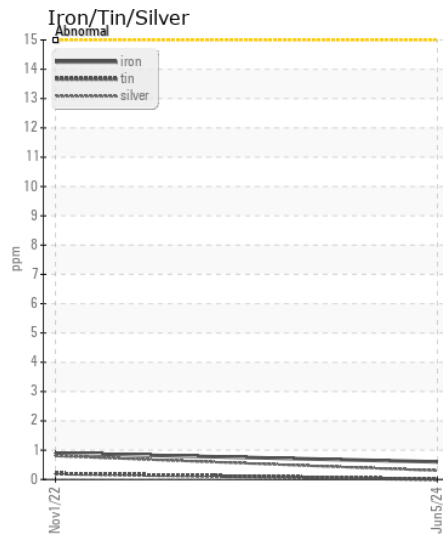
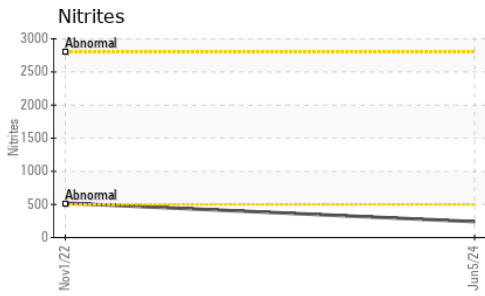
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	8	8	---
Magnesium	ppm	ASTM D5185(m)	>40	2	3	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	Clear	Clear	Clear	---

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*		107	---	---
Specific Gravity		ASTM D1298*	1.068	1.067	1.066	---
pH	Scale 0-14	ASTM D1287*	8.6	7.67	7.93	---
Nitrites	ppm	Alcan Test Kit*	0	240	▲ 520	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	3.0	3.0	▲ 4.1	---
Percentage Glycol	%	ASTM D3321*		49.4	48.8	---
Freezing Point	°C	ASTM D3321*	-35	-36	-31	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)	0	4	4	---
Phosphorus	ppm	ASTM D5185(m)	0	7	5	---
Boron	ppm	ASTM D5185(m)	0	5	22	---
Molybdenum	ppm	ASTM D5185(m)		0	3	---
Sodium	ppm	ASTM D5185(m)		4740	3287	---
Potassium	ppm	ASTM D5185(m)		47	65	---
Coolant Color		Visual*	Yellow	Orange	Orange	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0933632
Lab Number : 02641854
Unique Number : 5799393
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.