



CONSTRUCTION EQUIPMENT

314195 VOLVO EC350EL 310534 - COOLANT



Sample No: VCP333922
Oil Type: VOLVO COOLANT VCS (YELLOW)
Job No: 314195



SAMPLE INFORMATION

Sample Number	VCP333922	VCP213006	VCP222722	---
Sample Date	09 Feb 2022	31 Jan 2019	03 Nov 2018	---
Machine Hours	4369	1044	518	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STRONGCO EQUIPMENT--CALGARY
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COOLANT CONDITION

Boron	ppm	26	10	2	---
Phosphorus	ppm	5	12	<1	---
Sodium	ppm	2359	2526	2963	---
Potassium	ppm	151	39	41	---
Silicon	ppm	5	3	<1	---
pH	Scale 0-14	7.40	7.24	7.82	---
Reserve Alkalinity	Scale 0-20	4.5	3.1	3.2	---
Molybdenum	ppm	7	<1	0	---
Nitrites	ppm	520	240	280	---
Percentage Glycol	%	55.0	50.0	49.0	---
Freezing Point	°C	-45	-36	-35	---

Diagnosis

The fluid is suitable for further service. Resample at the next service interval to monitor. All metal levels are normal indicating no corrosion in the cooling system. There is no indication of any contamination in the coolant. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

CONTAMINATION

Magnesium	ppm	5	5	1	---
Calcium	ppm	24	22	10	---
Coolant Appearance		Clear	Clear	Clear	---
Coolant Color		Yellow	Yellow	Yellow	---
Sand/Dirt	scalar	NONE	NONE	NONE	---
Debris	scalar	NONE	NONE	NONE	---
Precipitate	scalar	NONE	NONE	NONE	---
Silt	scalar	NONE	NONE	NONE	---

CORROSION

Iron	ppm	<1	<1	0	---
Aluminum	ppm	2	<1	<1	---
Copper	ppm	3	1	0	---
Lead	ppm	1	2	<1	---
Tin	ppm	<1	0	0	---

Depot: VOLVO3909
Unique No: 5356958
Signed: Kevin Marson
Report Date: 28 Feb 2022

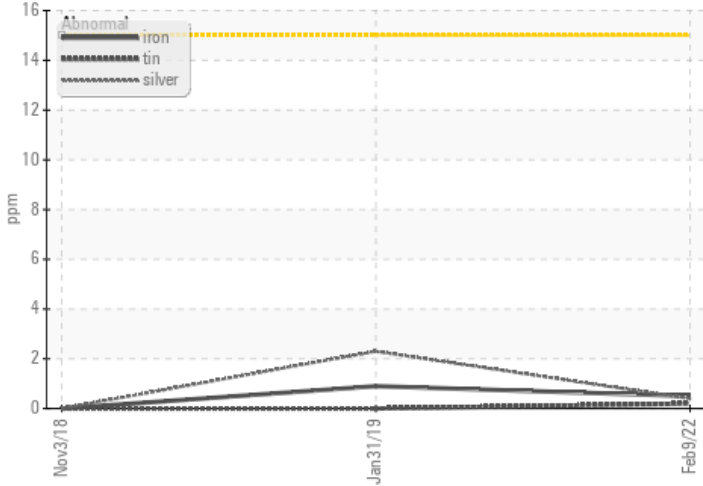


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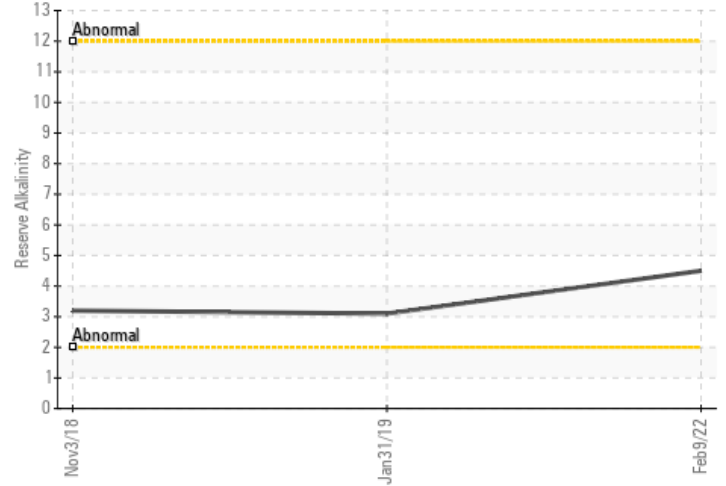


VOLVO GRAPHS

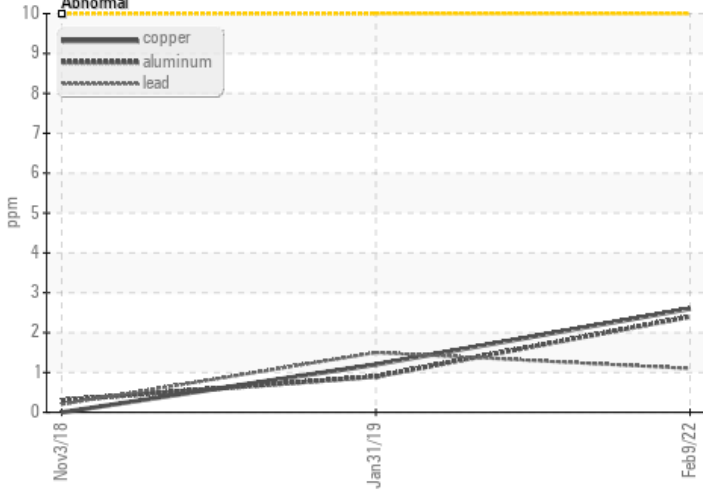
Iron/Tin/Silver



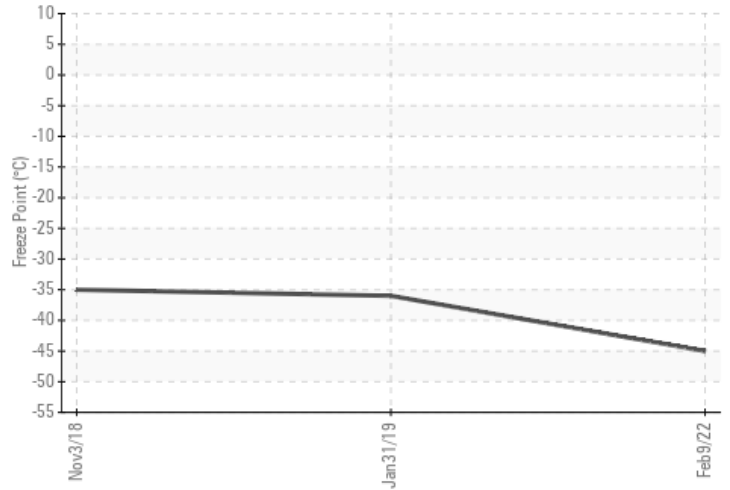
Reserve Alkalinity



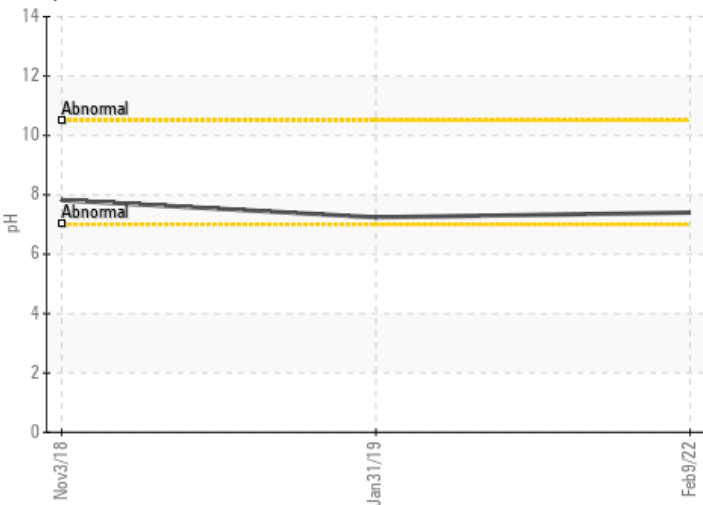
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

