



CONSTRUCTION EQUIPMENT

BACKHUS WT-5 - COOLANT



Sample No: VCP416324
Oil Type: VOLVO COOLANT VCS (YELLOW)
Job No:



SAMPLE INFORMATION

Sample Number	VCP416324	VCP358719	VCP249958	VCP306135
Sample Date	30 Aug 2023	21 Sep 2022	24 Nov 2021	18 Mar 2021
Machine Hours	1000	737	496	242
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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COOLANT CONDITION

pH	Scale 0-14	7.17	7.10	7.24	7.35
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	NT	NT	0	NT
Percentage Glycol	%	45.8	43.5	42	41
Freezing Point	°C	-24	-19	-20	-18

Diagnosis

No corrective action is recommended at this time. The fluid is suitable for further service. There is no indication of any contamination in the coolant. Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.



CONTAMINATION

Coolant Appearance		normal	normal	normal	normal
Coolant Color		Yllow	Yllow	Yllow	Green
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---

Depot: MARDIC
Unique No: 10645704
Signed: Jonathan Hester
Report Date: 15 Sep 2023

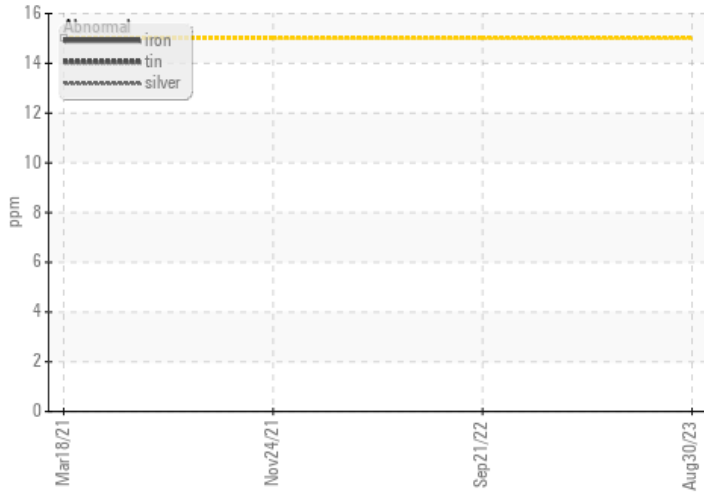


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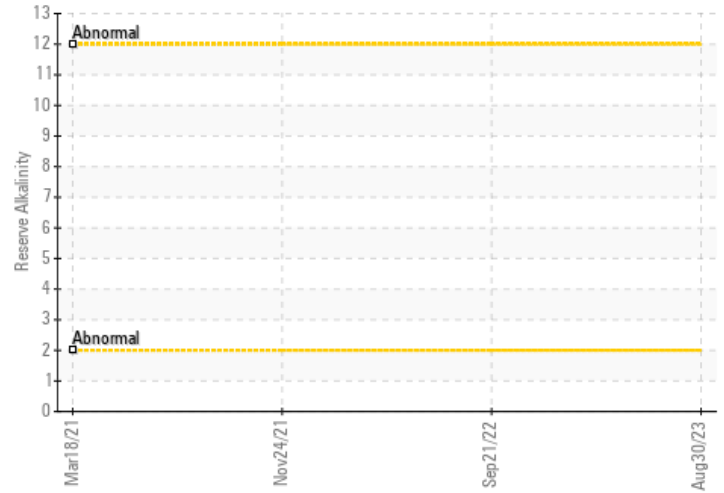


GRAPHS

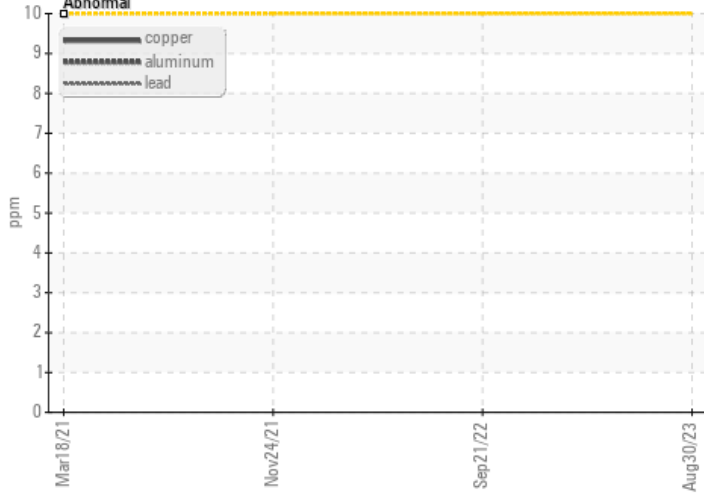
Iron/Tin/Silver



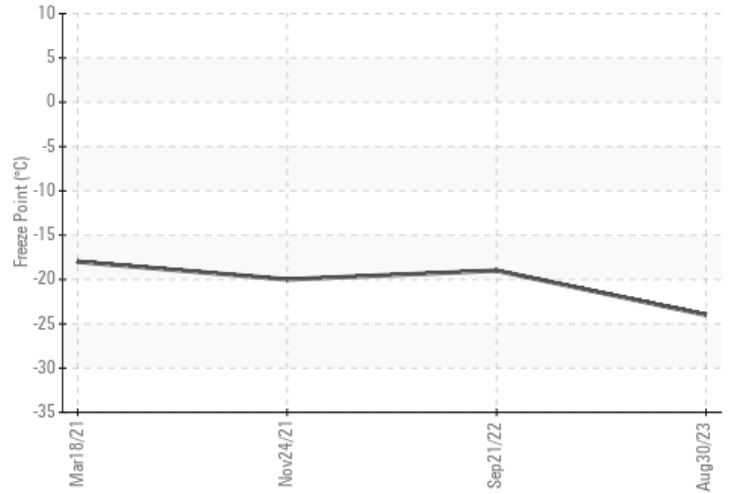
Reserve Alkalinity



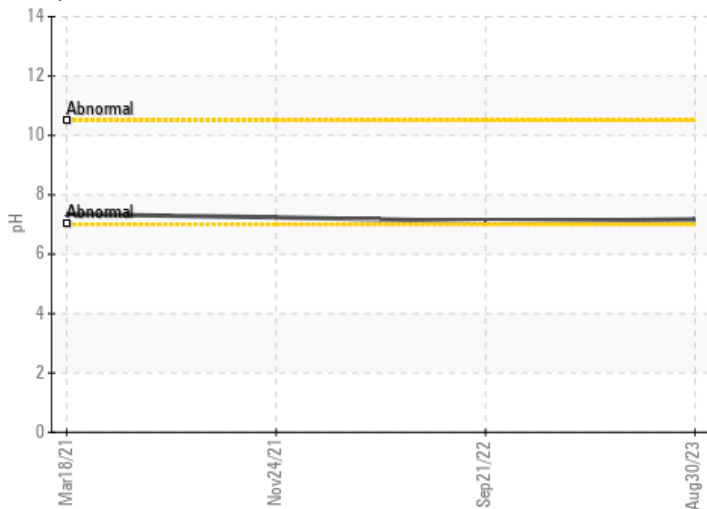
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

