



CONSTRUCTION EQUIPMENT

BACKHUS WT-4 - COOLANT



Sample No: VCP393445
Oil Type: VOLVO COOLANT VCS (YELLOW)
Job No:



SAMPLE INFORMATION

Sample Number	VCP393445	VCP341183	VCP361277	VCP293386
Sample Date	18 Sep 2023	12 Jun 2023	24 Aug 2022	13 Sep 2021
Machine Hours	1982	1736	1477	1235
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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COOLANT CONDITION

pH	Scale 0-14	7.23	7.14	7.28	7.39
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	NT	NT	NT	560
Percentage Glycol	%	48.7	48.2	46.0	46
Freezing Point	°C	-31	-31	-26	-28

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	Yllow

Depot: MARDIC
Unique No: 10668472
Signed: Jonathan Hester
Report Date: 29 Sep 2023

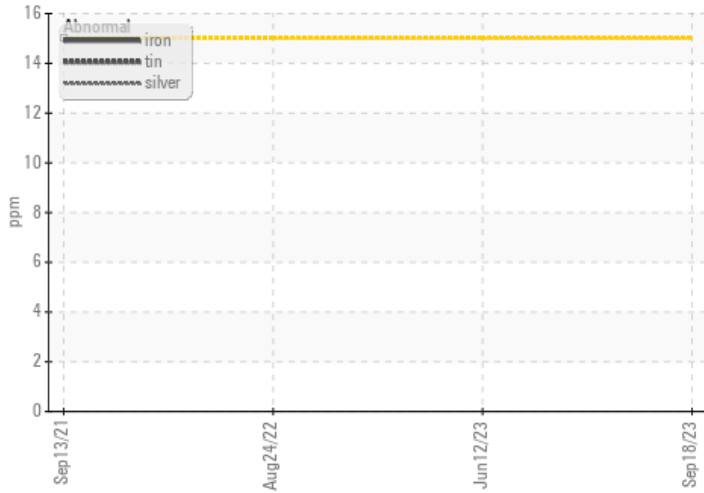


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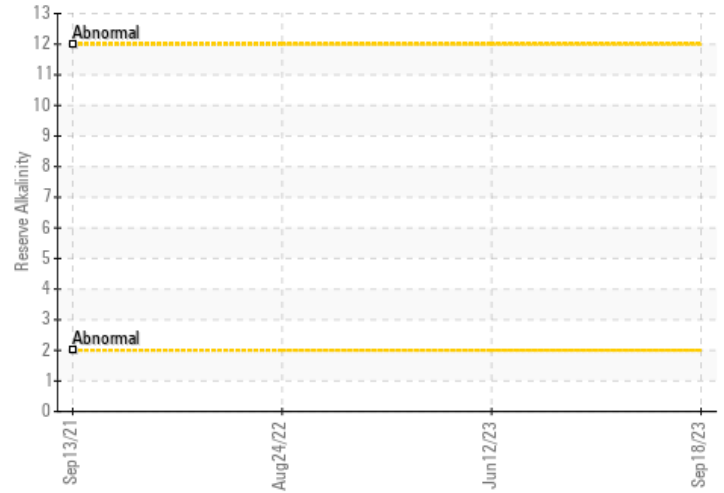


GRAPHS

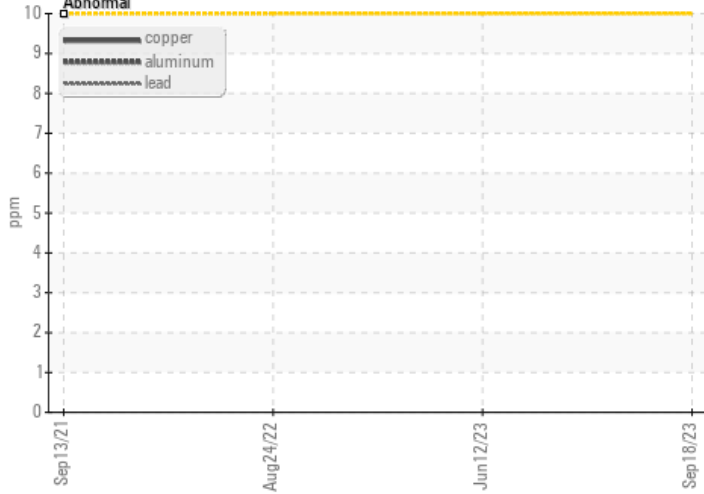
Iron/Tin/Silver



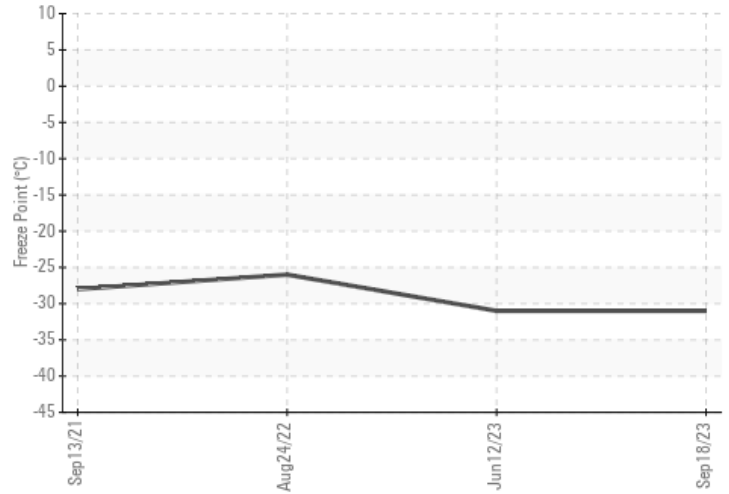
Reserve Alkalinity



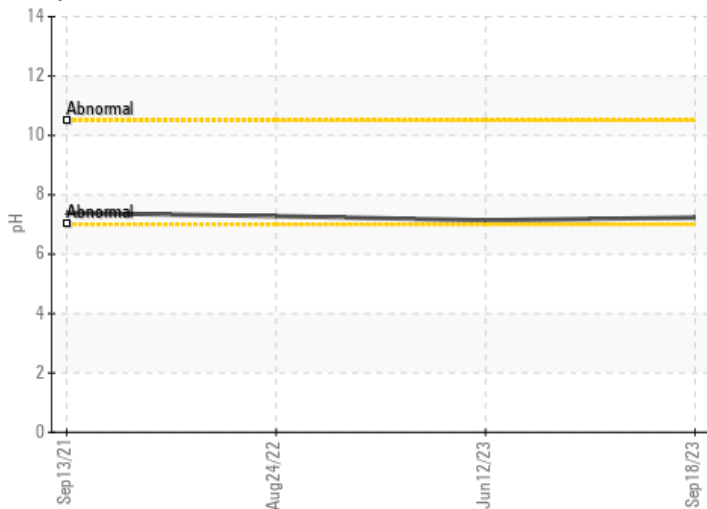
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

