



CONSTRUCTION EQUIPMENT

VOLVO L150G NR23026 - COOLANT



Sample No: VCP418081
Oil Type: SHELL ROTELLA ELC EXTENDED LIFE COOLANT
Job No:



SAMPLE INFORMATION

Sample Number	VCP418081	VCP396629	VCP405011	VCP338100
Sample Date	06 Sep 2023	05 Jun 2023	24 Mar 2023	22 Dec 2022
Machine Hours	12744	12465	12252	12001
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 DICKERSON, MD
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COOLANT CONDITION

pH	Scale 0-14	7.48	7.49	8.52	7.40
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	NT	NT	NT	NT
Percentage Glycol	%	51.2	50.9	51.0	51.3
Freezing Point	°C	-38	-35	-38	-38

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		Orange	Red	LtRed	LtRed
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---

Depot: MARDIC
Unique No: 10645706
Signed: Jonathan Hester
Report Date: 15 Sep 2023

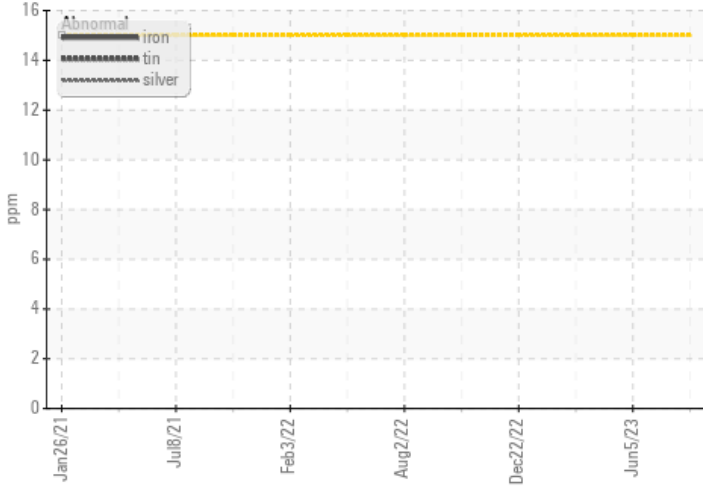


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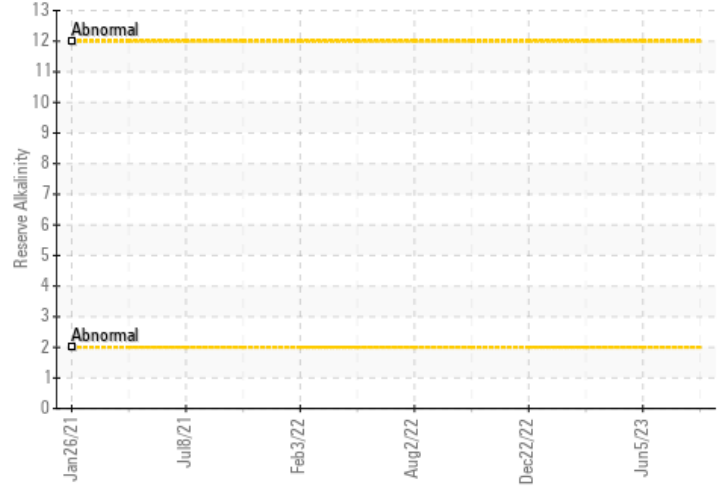


GRAPHS

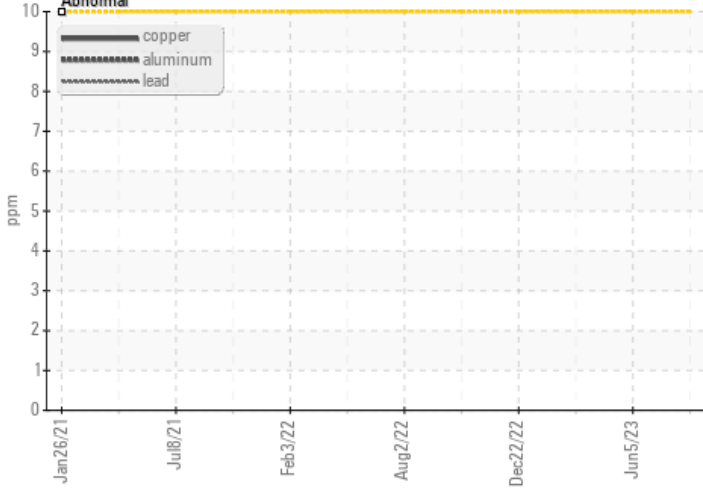
Iron/Tin/Silver



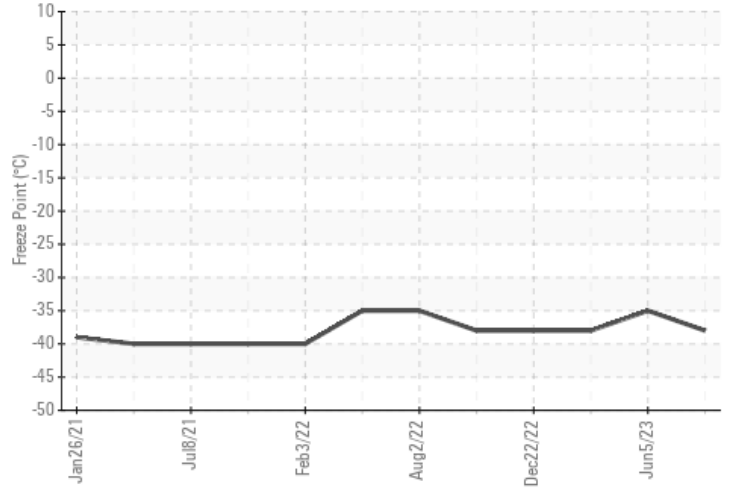
Reserve Alkalinity



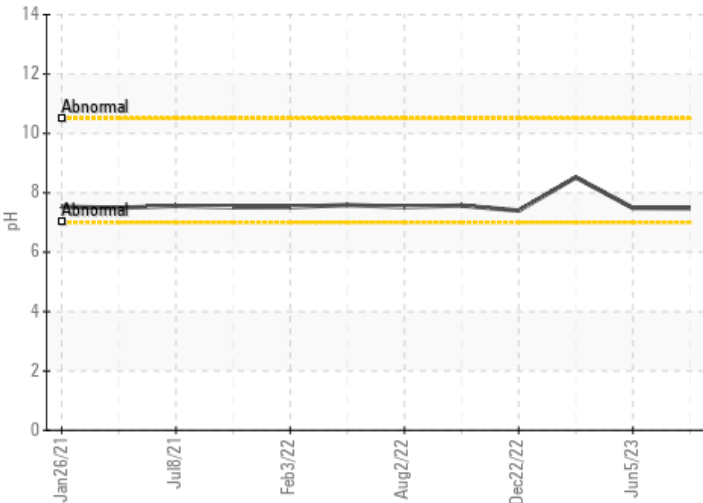
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

