



CONSTRUCTION EQUIPMENT

VOLVO L150G NR23026 - COOLANT



Sample No: VCP436345
Oil Type: SHELL ROTELLA ELC EXTENDED LIFE COOLANT
Job No:



SAMPLE INFORMATION

Sample Number	VCP436345	VCP418081	VCP396629	VCP405011
Sample Date	05 Dec 2023	06 Sep 2023	05 Jun 2023	24 Mar 2023
Machine Hours	13014	12744	12465	12252
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

MARYLAND ENVIRONMENTAL SERVICES
 21210 MARTINSBURG RD
 DICKERSON, MD
 US 20842
 Contact: ALAN PARRISH
 aparr@menv.com
 T: (301)428-8185
 F: (301)428-8311



COOLANT CONDITION

pH	Scale 0-14	7.45	7.48	7.49	8.52
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	NT	NT	NT	NT
Percentage Glycol	%	51.3	51.2	50.9	51.0
Freezing Point	°C	-38	-38	-35	-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		Red	Orange	Red	LtRed
Sand/Dirt	scalar	---	NONE	---	---
Debris	scalar	---	NONE	---	---
Precipitate	scalar	---	NONE	---	---
Silt	scalar	---	NONE	---	---

Depot: MARDIC
Unique No: 10779920
Signed: Jonathan Hester
Report Date: 13 Dec 2023

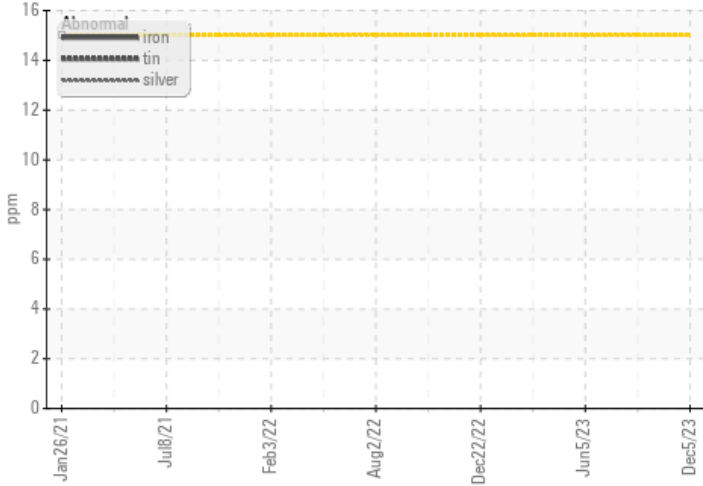


CONSTRUCTION EQUIPMENT

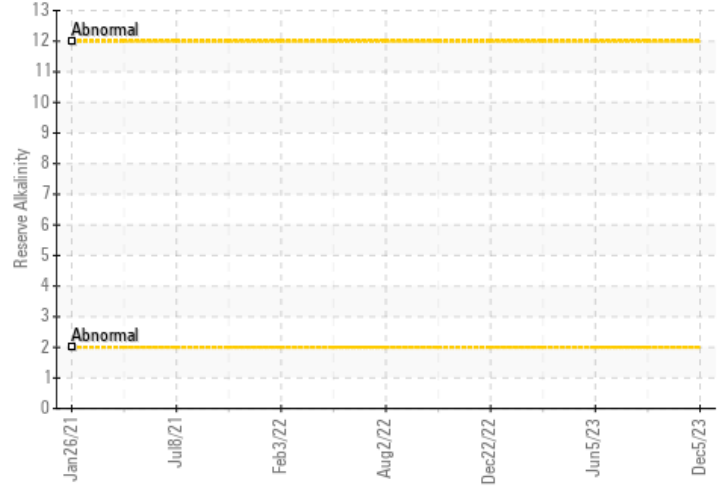


GRAPHS

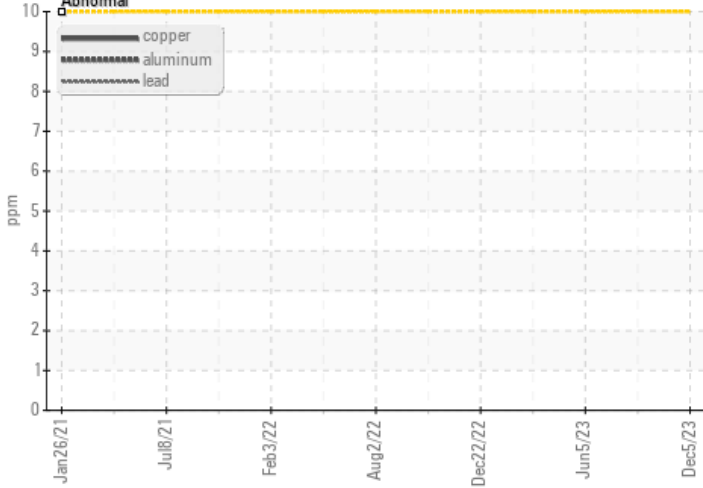
Iron/Tin/Silver



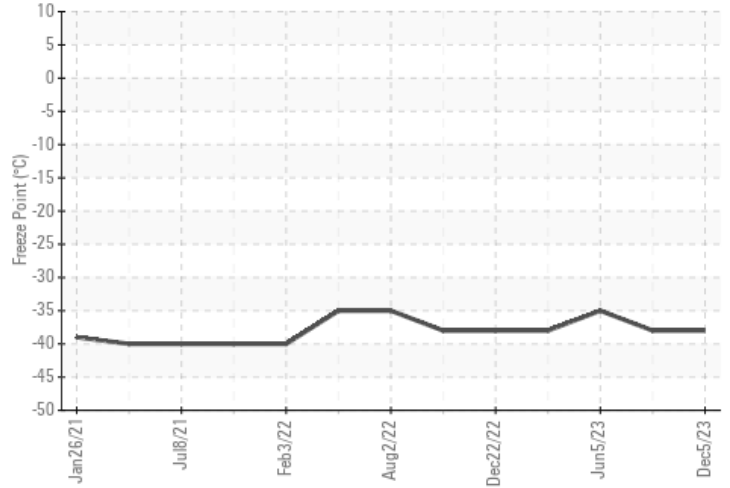
Reserve Alkalinity



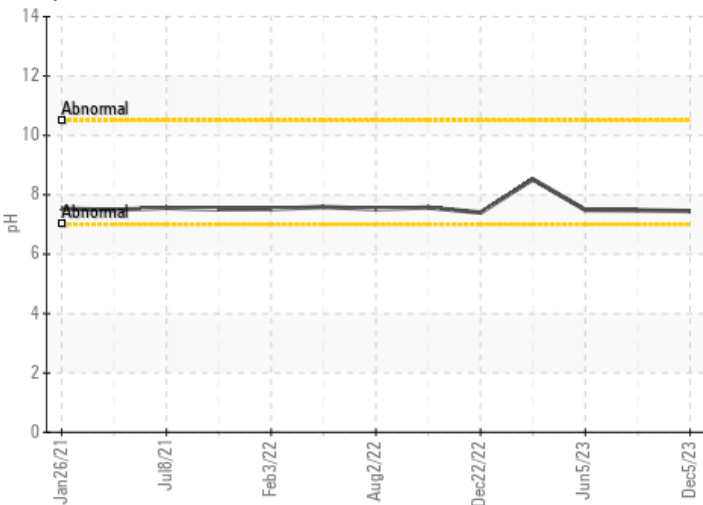
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

