



# CONSTRUCTION EQUIPMENT

580677 APTIM VOLVO A35G 340041 - WET DISC BRAKE



**Sample No:** VCP417006  
**Oil Type:** VOLVO WB 102  
**Job No:** 580677 APTIM



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## SAMPLE INFORMATION

Sample Number	VCP417006	VCP395724	---	---
Sample Date	28 Jul 2023	03 Feb 2023	---	---
Machine Hours	12724	11776	---	---
Oil Hours	3000	3000	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



## OIL CONDITION

Visc @ 40°C	cSt	41.4	41.9	---	---
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## CONTAMINATION

Silicon	ppm	26	25	---	---
Sodium	ppm	0	4	---	---
Potassium	ppm	2	0	---	---



## WEAR METALS

Iron	ppm	60	61	---	---
Copper	ppm	462	437	---	---
Lead	ppm	2	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	7	6	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	3190	3227	---	---
Magnesium	ppm	12	15	---	---
Zinc	ppm	1298	1316	---	---
Phosphorus	ppm	1181	1136	---	---
Barium	ppm	0	0	---	---
Boron	ppm	102	93	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 10589840  
**Signed:** Don Baldrige  
**Report Date:** 09 Aug 2023

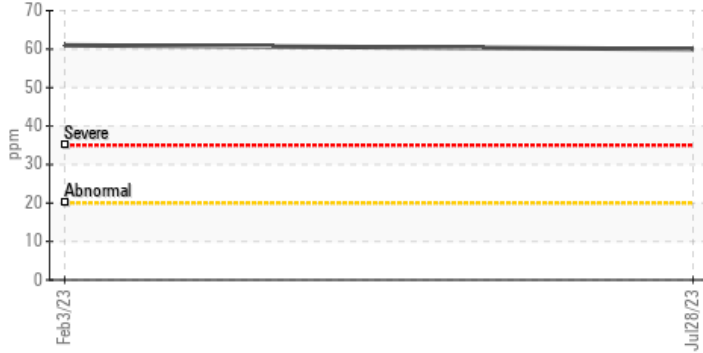


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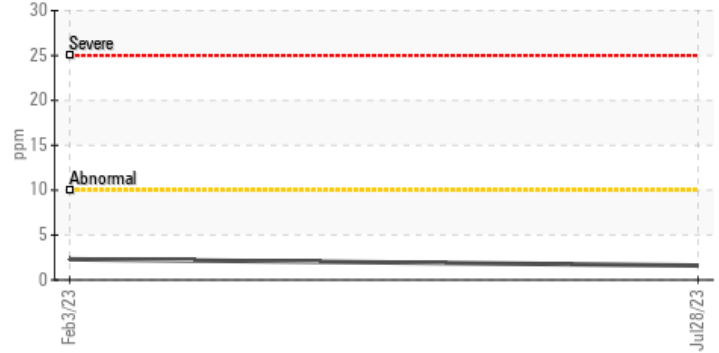


## VOLVO GRAPHS

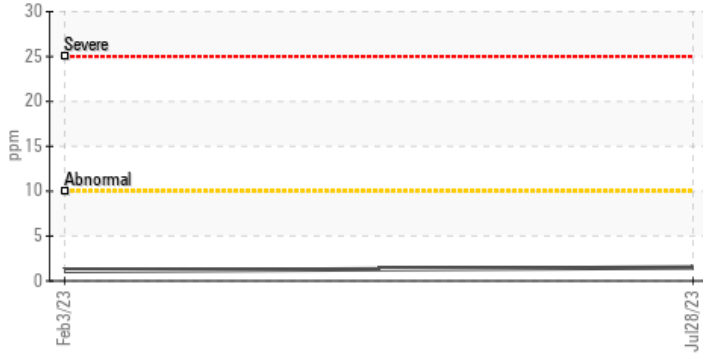
### ▲ Iron (ppm)



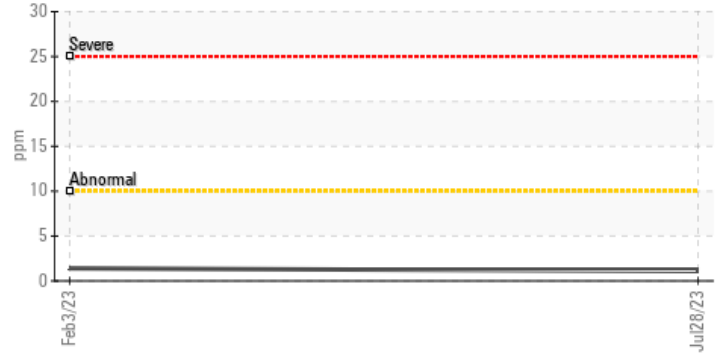
### Lead (ppm)



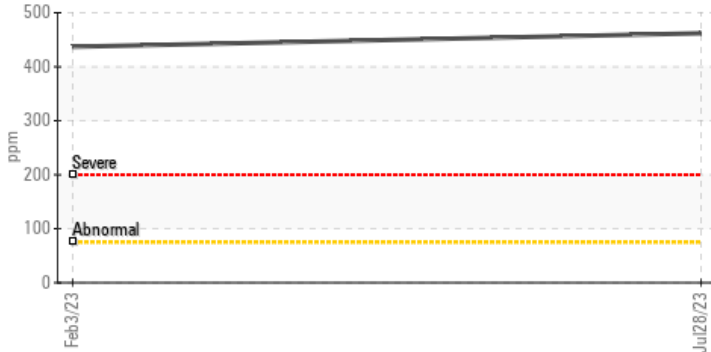
### Aluminum (ppm)



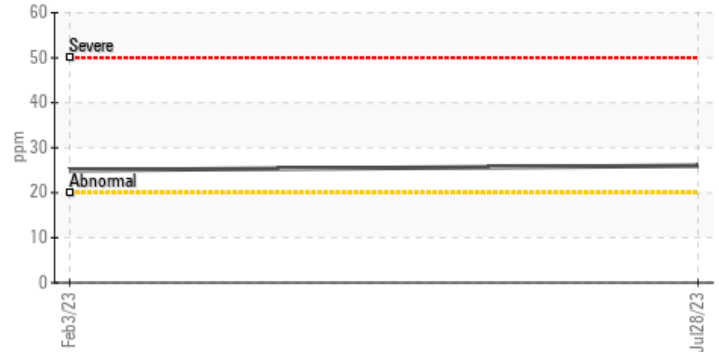
### Chromium (ppm)



### ▲ Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

