



# CONSTRUCTION EQUIPMENT

## 702890 APTIM VOLVO A35G 340109 - BRAKE COOLING SYSTEM



**Sample No:** VCP444351  
**Oil Type:** VOLVO WB 102  
**Job No:** 702890 APTIM



### SAMPLE INFORMATION

Sample Number	<b>VCP444351</b>	VCP424463	VCP424848	---
Sample Date	<b>29 Apr 2024</b>	11 Jul 2023	16 Mar 2023	---
Machine Hours	<b>9978</b>	8937	8480	---
Oil Hours	<b>2000</b>	4000	3000	---
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	ABNORMAL	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: KENNY HANEY  
 khaney@flaglerce.com  
 T: (813)630-0077  
 F: (813)630-2233



### OIL CONDITION

Visc @ 40°C	cSt	<b>47.0</b>	48.4	49.1	---
-------------	-----	-------------	------	------	-----



### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>11</b>	9	10	---
Sodium	ppm	<b>1</b>	3	3	---
Potassium	ppm	<b>2</b>	0	<1	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>11</b>	27	24	---
Copper	ppm	<b>51</b>	▲ 246	▲ 245	---
Lead	ppm	<b>1</b>	3	<1	---
Tin	ppm	<b>&lt;1</b>	<1	0	---
Aluminum	ppm	<b>1</b>	0	<1	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>1</b>	2	2	---
Nickel	ppm	<b>&lt;1</b>	3	3	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	1	2	---
Vanadium	ppm	<b>&lt;1</b>	<1	0	---



### ADDITIVES

Calcium	ppm	<b>3694</b>	2664	2797	---
Magnesium	ppm	<b>16</b>	13	16	---
Zinc	ppm	<b>1590</b>	1150	1203	---
Phosphorus	ppm	<b>1296</b>	1021	1046	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>98</b>	60	60	---

**Depot:** VOLVO0093  
**Unique No:** 11057911  
**Signed:** Don Baldrige  
**Report Date:** 01 Jun 2024

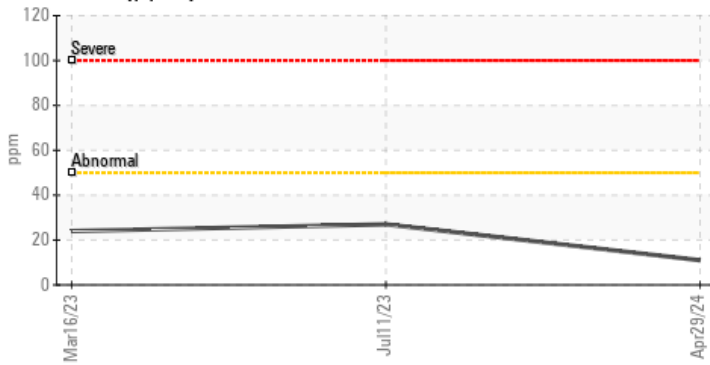


# CONSTRUCTION EQUIPMENT

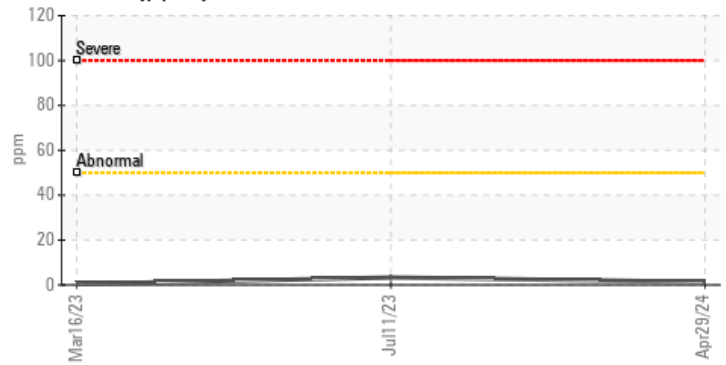


## GRAPHS

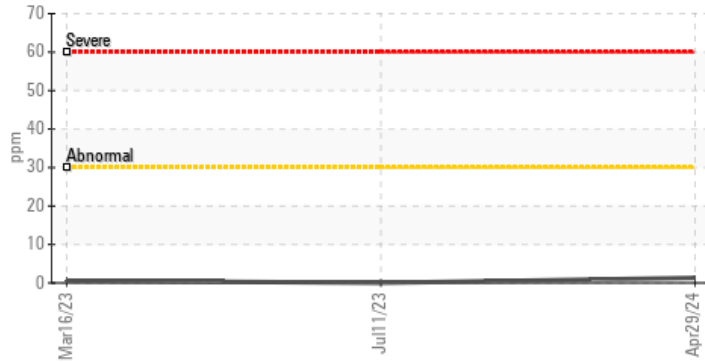
### Iron (ppm)



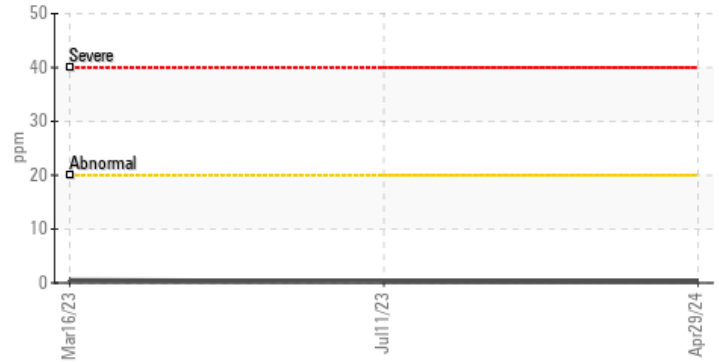
### Lead (ppm)



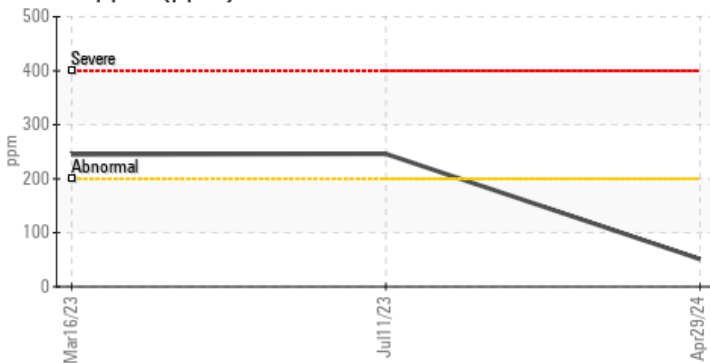
### Aluminum (ppm)



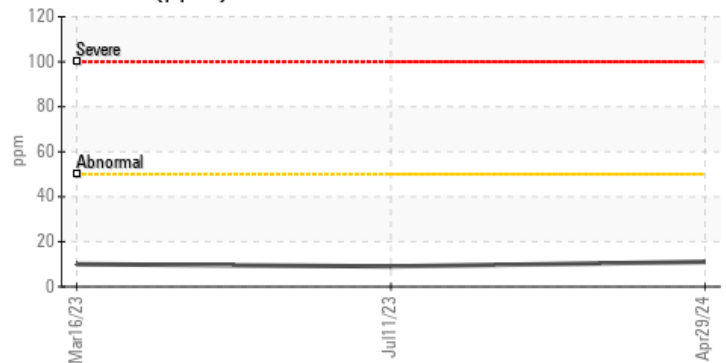
### Chromium (ppm)



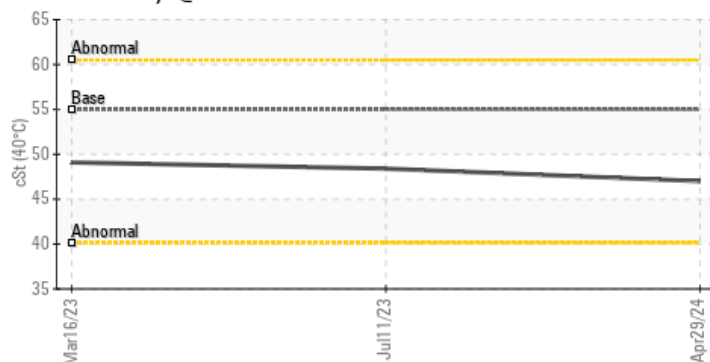
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

