



# CONSTRUCTION EQUIPMENT

G08834 BCI-BLACKWOOD VOLVO A40D 12347 - BRAKE COOLING SYSTEM



**Sample No:** VCP438317  
**Oil Type:** {unknown}  
**Job No:** G08834 BCI-BLACKWOOD



## SAMPLE INFORMATION

Sample Number	VCP438317	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	15592	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**HOFFMAN EQUIPMENT - DEPTFORD**  
1330 HURFFVILLE ROAD  
DEPTFORD, NJ  
US 08096  
Contact: TAMMY SANDORA  
tammy.sandora@hoffmanequip.com  
T: (856)227-6400  
F: (856)227-0046



## OIL CONDITION

Visc @ 40°C	cSt	57.4	---	---	---
-------------	-----	------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	17	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	2	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	21	---	---	---
Copper	ppm	109	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	3127	---	---	---
Magnesium	ppm	80	---	---	---
Zinc	ppm	1286	---	---	---
Phosphorus	ppm	1101	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	97	---	---	---

**Depot:** VOLVO8880  
**Unique No:** 11100118  
**Signed:** Jonathan Hester  
**Report Date:** 28 Jun 2024

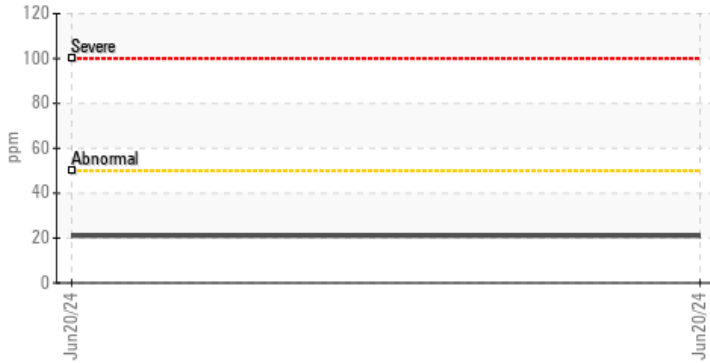


# CONSTRUCTION EQUIPMENT

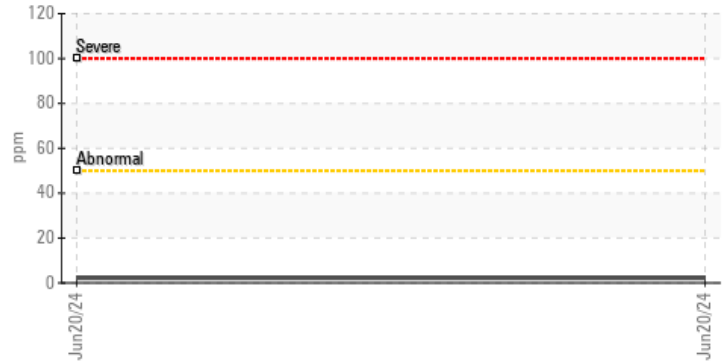


## GRAPHS

### Iron (ppm)



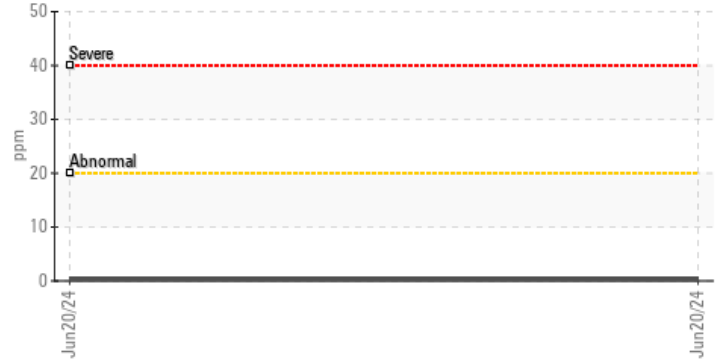
### Lead (ppm)



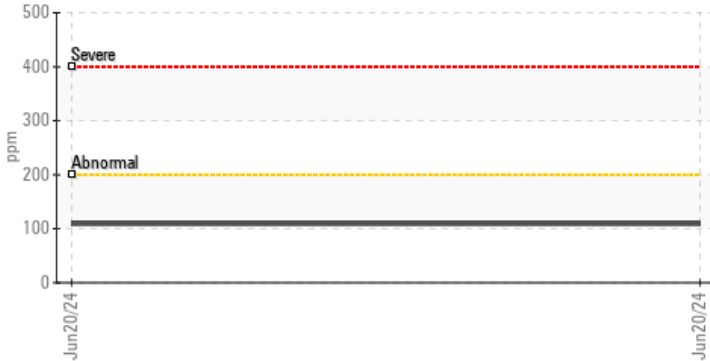
### Aluminum (ppm)



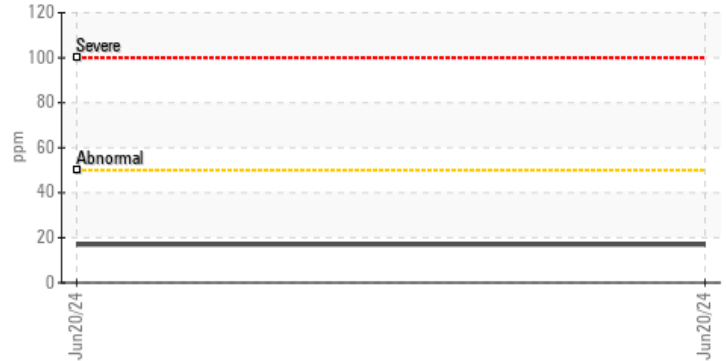
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

