



# CONSTRUCTION EQUIPMENT

SW358693-2 RIGID BLD VOLVO A45G 352709 - WET DISC BRAKE



**Sample No:** VCP454197  
**Oil Type:** {unknown}  
**Job No:** SW358693-2 RIGID BLD



## SAMPLE INFORMATION

Sample Number	VCP454197	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	5343	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 46.1	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 1	---	---	---

## Diagnosis

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



## WEAR METALS

Iron	ppm	▲ 33	---	---	---
Copper	ppm	▲ 160	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



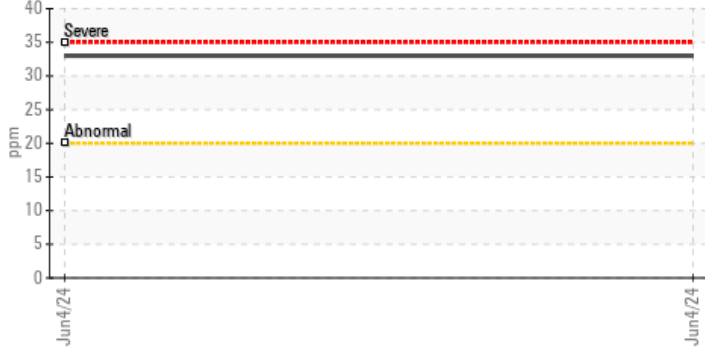
## ADDITIVES

Calcium	ppm	3048	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	1319	---	---	---
Phosphorus	ppm	1152	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	128	---	---	---

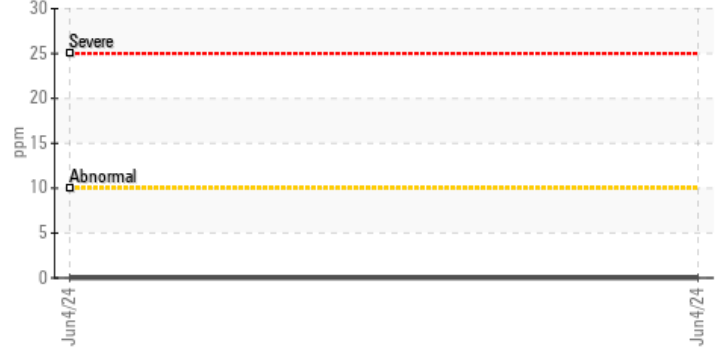
**Depot:** VOLVO8770  
**Unique No:** 11072503  
**Signed:** Don Baldrige  
**Report Date:** 12 Jun 2024

**VOLVO** **GRAPHS**

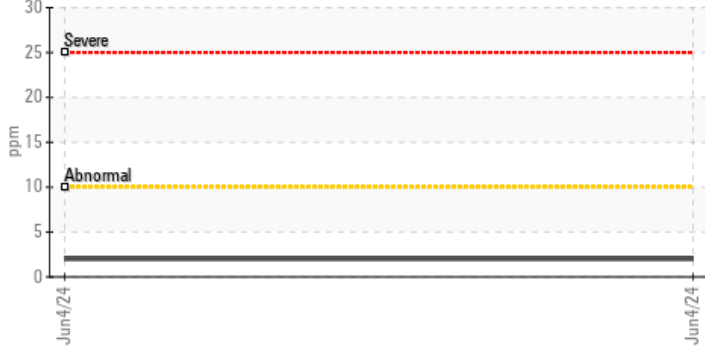
▲ Iron (ppm)



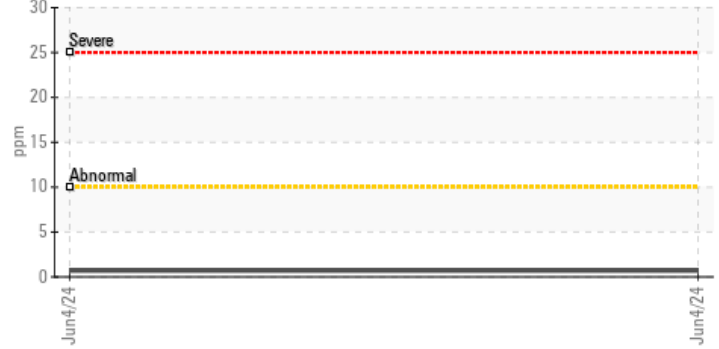
Lead (ppm)



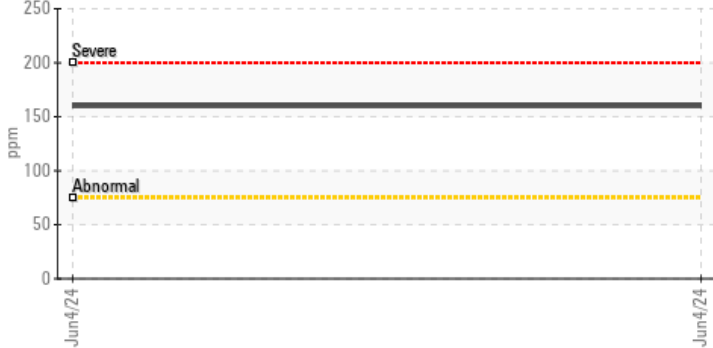
Aluminum (ppm)



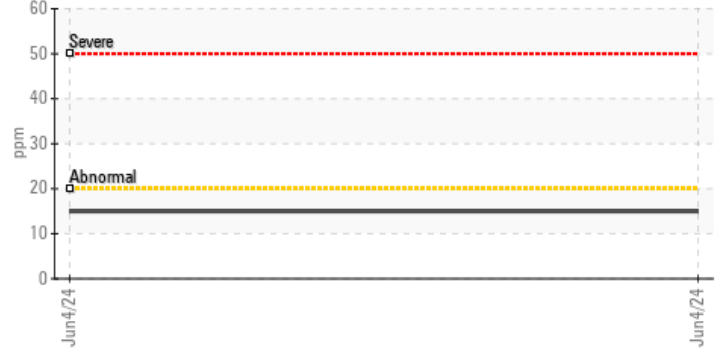
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

