



# CONSTRUCTION EQUIPMENT

3762 STANLEY VOLVO A45 3420404 - WET DISC BRAKE



**Sample No:** VCP350703  
**Oil Type:** NOT GIVEN  
**Job No:** 3762 STANLEY



## SAMPLE INFORMATION

Sample Number	VCP350703	---	---	---
Sample Date	06 Dec 2023	---	---	---
Machine Hours	8090	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND**  
1345 MOUNTAIN ROAD  
GLEN ALLEN, VA  
US 23060  
Contact: KYLE RATLIFFE  
KRATLIFFE@MCCLUNG-LOGAN.COM  
T:  
F: (804)266-1611



## OIL CONDITION

Visc @ 40°C	cSt	■ 40.5	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 11	---	---	---



## WEAR METALS

Iron	ppm	▲ 29	---	---	---
Copper	ppm	▲ 144	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	2002	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	1051	---	---	---
Phosphorus	ppm	949	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	76	---	---	---

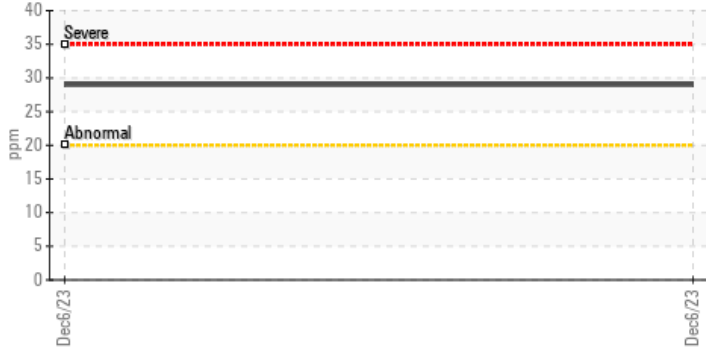
## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper 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.

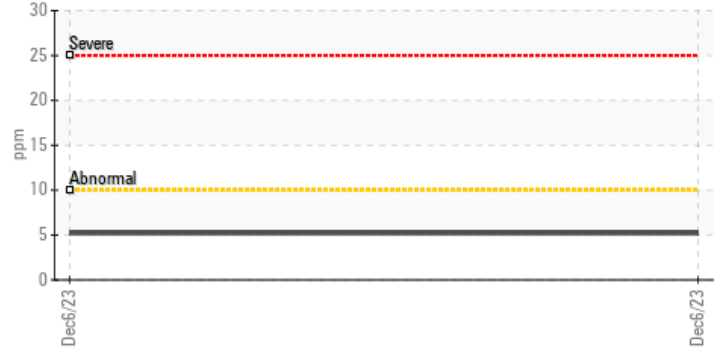
**Depot:** VOLVO8882  
**Unique No:** 10780793  
**Signed:** Don Baldrige  
**Report Date:** 14 Dec 2023

**VOLVO** **GRAPHS**

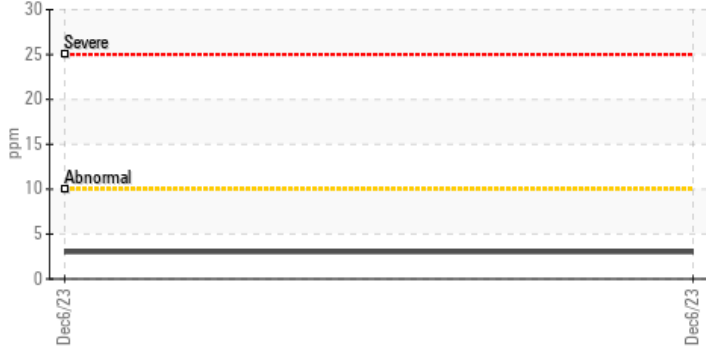
▲ Iron (ppm)



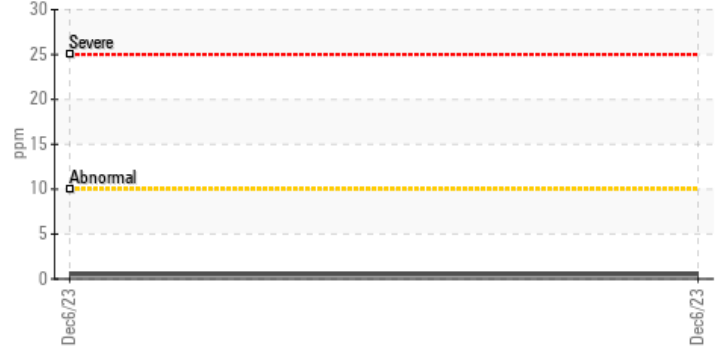
Lead (ppm)



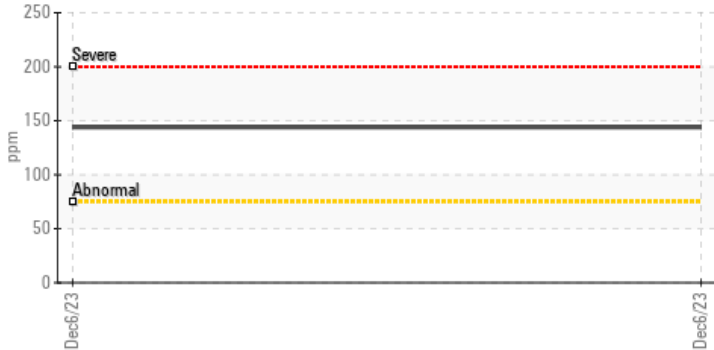
Aluminum (ppm)



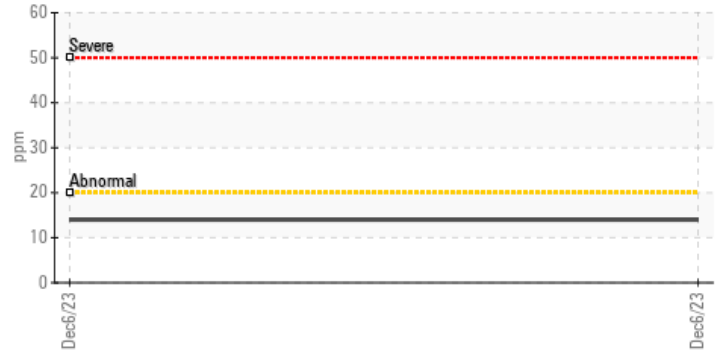
Chromium (ppm)



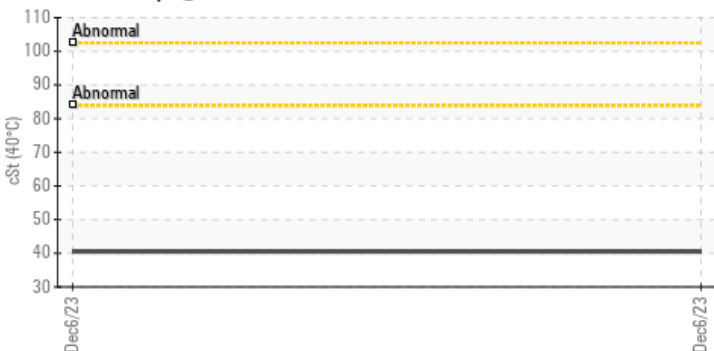
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

