



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 352705 - WET DISC BRAKE



**Sample No:** VCP431049

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP431049	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	5454	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	■ 43.3	---	---	---
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### CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 2	---	---	---



### WEAR METALS

Iron	ppm	▲ 24	---	---	---
Copper	ppm	▲ 98	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	3025	---	---	---
Magnesium	ppm	25	---	---	---
Zinc	ppm	1418	---	---	---
Phosphorus	ppm	1226	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	106	---	---	---

### 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. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** SAIBIR

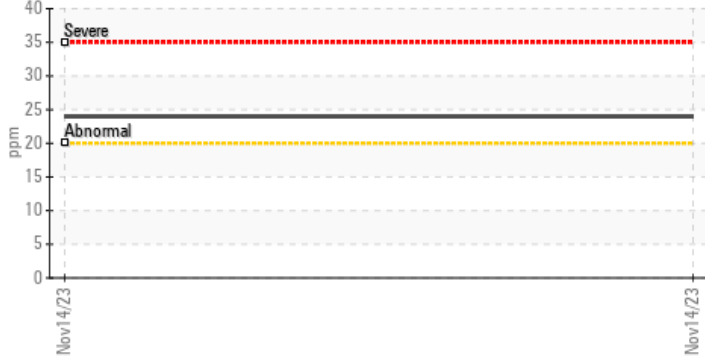
**Unique No:** 10754629

**Signed:** Jonathan Hester

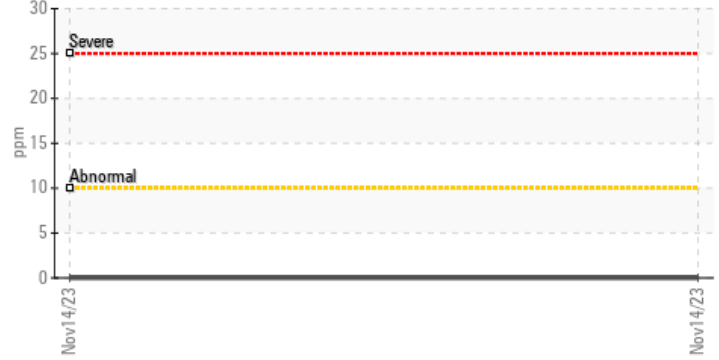
**Report Date:** 27 Nov 2023

**VOLVO** **GRAPHS**

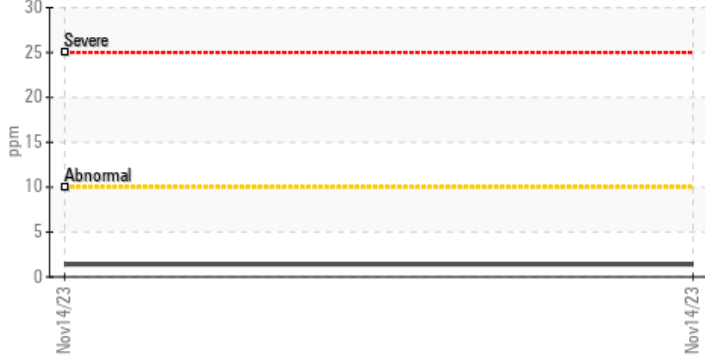
▲ Iron (ppm)



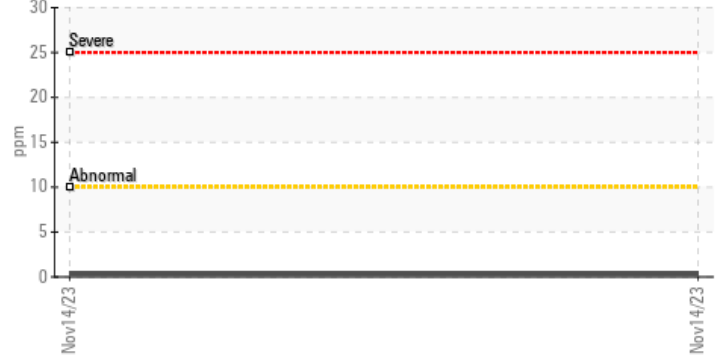
Lead (ppm)



Aluminum (ppm)



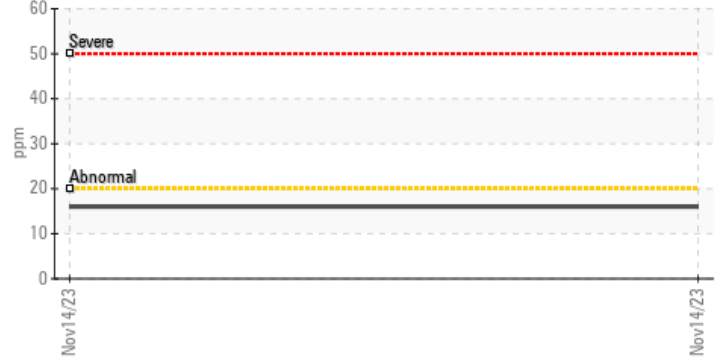
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

