



# CONSTRUCTION EQUIPMENT

S50401840 C5 VOLVO A45G 342570 - DROP BOX



**Sample No:** VCP403959  
**Oil Type:** NOT GIVEN  
**Job No:** S50401840 C5



## SAMPLE INFORMATION

Sample Number	VCP403959	---	---	---
Sample Date	15 Oct 2023	---	---	---
Machine Hours	4301	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 52.3	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 23	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ <1	---	---	---

## Diagnosis

Resample at the next service interval to monitor. The iron 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.



## WEAR METALS

Iron	ppm	▲ 559	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 24	---	---	---
Chromium	ppm	■ 8	---	---	---
Molybdenum	ppm	10	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	40	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	277	---	---	---
Phosphorus	ppm	982	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	89	---	---	---

**Depot:** VOLVO4486  
**Unique No:** 10724779  
**Signed:** Don Baldrige  
**Report Date:** 03 Nov 2023



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## GRAPHS

