



# CONSTRUCTION EQUIPMENT

947 VOLVO A45G 342 190 - BOGIE/CENTER LEFT FINAL DRIVE



**Sample No:** VCP438058  
**Oil Type:** {unknown}  
**Job No:** 947



## SAMPLE INFORMATION

Sample Number	VCP438058	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	7326	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
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T: X  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 41.5	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 63	---	---	---
Copper	ppm	▲ 230	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	< 1	---	---	---



## ADDITIVES

Calcium	ppm	3440	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	1399	---	---	---
Phosphorus	ppm	1236	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	132	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is suitable for further service.

**Depot:** VOLVO4488  
**Unique No:** 11074674  
**Signed:** Sean Felton  
**Report Date:** 13 Jun 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

