



# CONSTRUCTION EQUIPMENT

## 847 VOLVO A45G 342 190 - REAR LEFT FINAL DRIVE



**Sample No:** VCP439268

**Oil Type:** {unknown}

**Job No:** 847



### SAMPLE INFORMATION

Sample Number	VCP439268	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	7326	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

### VCES- VOLVO CONSTRUCTION EQUIPMENT

12345 MAPLEVIEW STREET  
LAKESIDE, CA  
US 92040

Contact: Mark Stewart  
mark.stewart@vcesvolvo.com

T: X:  
F: X:



### OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---



### WEAR METALS

Iron	ppm	█ 84	---	---	---
Copper	ppm	▲ 231	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	< 1	---	---	---



### ADDITIVES

Calcium	ppm	3269	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	1370	---	---	---
Phosphorus	ppm	1219	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	125	---	---	---

### Diagnosis

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. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO4488  
**Unique No:** 11074668  
**Signed:** Angela Borella  
**Report Date:** 13 Jun 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

