



# CONSTRUCTION EQUIPMENT

## 947 VOLVO A45G 342190 - DROP BOX



**Sample No:** VCP439269

**Oil Type:** {unknown}

**Job No:** 947



### SAMPLE INFORMATION

Sample Number	<b>VCP439269</b>	VCP264840	VCP227406	---
Sample Date	<b>06 Jun 2024</b>	07 Jan 2020	20 Dec 2019	---
Machine Hours	<b>7326</b>	0	3288	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
 12345 MAPLEVIEW STREET  
 LAKESIDE, CA  
 US 92040  
 Contact: Mark Stewart  
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 T: X  
 F: X



### OIL CONDITION

Visc @ 40°C	cSt	<b>153</b>	47.0	46.6	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>3</b>	▲ 64	■ 40	---
Sodium	ppm	<b>&lt;1</b>	■ 14	■ 12	---
Potassium	ppm	<b>0</b>	■ 0	■ 0	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	<b>5</b>	■ 268	■ 164	---
Copper	ppm	<b>2</b>	■ 3	■ 3	---
Lead	ppm	<b>0</b>	■ 0	■ <1	---
Tin	ppm	<b>0</b>	■ 0	■ 0	---
Aluminum	ppm	<b>0</b>	● 44	■ 13	---
Chromium	ppm	<b>0</b>	■ 4	■ 2	---
Molybdenum	ppm	<b>1</b>	30	2	---
Nickel	ppm	<b>0</b>	■ 1	■ <1	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	5	4	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>72</b>	114	51	---
Magnesium	ppm	<b>12</b>	2	3	---
Zinc	ppm	<b>39</b>	151	145	---
Phosphorus	ppm	<b>472</b>	2198	2132	---
Barium	ppm	<b>0</b>	<1	<1	---
Boron	ppm	<b>5</b>	198	178	---

**Depot:** VOLVO4488  
**Unique No:** 11074673  
**Signed:** Sean Felton  
**Report Date:** 13 Jun 2024



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## GRAPHS

