



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 341644 - DROP BOX



**Sample No:** VCE51358  
**Oil Type:** NOT GIVEN  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCE51358	---	---	---
Sample Date	31 Oct 2022	---	---	---
Machine Hours	5098	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	■ 52.5	---	---	---
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### CONTAMINATION

Silicon	ppm	▲ 63	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ <1	---	---	---

### Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	■ 188	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 16	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	12	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	2378	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	285	---	---	---

**Depot:** VOLVO0264  
**Unique No:** 10202959  
**Signed:** Don Baldrige  
**Report Date:** 07 Nov 2022



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## GRAPHS

