



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 352034 - DROP BOX



**Sample No:** VCP407059  
**Oil Type:** GEAR OIL LS 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP407059	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	5720	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**216 - ASCENDUM MACHINERY INC - PIEDMONT**  
 407 OAK ROAD  
 PIEDMONT, SC  
 US 29673  
 Contact: KEMP COBLE  
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 T: (864)704-1060  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 116	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---

**Diagnosis**  
 No corrective action is recommended at this time. Resample at the next service interval to monitor. 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.

### WEAR METALS

Iron	ppm	█ 62	---	---	---
Copper	ppm	▲ 40	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 320	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	199	---	---	---
Phosphorus	ppm	█ 995	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 140	---	---	---

**Depot:** VOLVO4596  
**Unique No:** 10697327  
**Signed:** Don Baldrige  
**Report Date:** 18 Oct 2023



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## GRAPHS

