



# CONSTRUCTION EQUIPMENT

## VOLVO A45GFS 352524 - FRONT AXLE



**Sample No:** VCP423354  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:**



### VOLVO SAMPLE INFORMATION

Sample Number	VCP423354	---	---	---
Sample Date	18 Sep 2023	---	---	---
Machine Hours	3723	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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 T:  
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### VOLVO OIL CONDITION

Visc @ 40°C	cSt	█ 134	---	---	---
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### VOLVO CONTAMINATION

Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 5	---	---	---

**Diagnosis**  
 Resample at the next service interval to monitor. All 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.

### VOLVO WEAR METALS

Iron	ppm	█ 555	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 22	---	---	---
Vanadium	ppm	<1	---	---	---

### VOLVO ADDITIVES

Calcium	ppm	█ 71	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 66	---	---	---
Phosphorus	ppm	█ 2450	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 204	---	---	---

**Depot:** DUNBEL  
**Unique No:** 10702408  
**Signed:** Don Baldrige  
**Report Date:** 23 Oct 2023



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## GRAPHS

