



# CONSTRUCTION EQUIPMENT

## 588 VOLVO A45GFS 353608 - FRONT AXLE



**Sample No:** VCP427226  
**Oil Type:** MOBIL 75W80 GO 102  
**Job No:** 588



### SAMPLE INFORMATION

Sample Number	VCP427226	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	1080	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
 12345 MAPLEVIEW STREET  
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 T: X  
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### OIL CONDITION

Visc @ 40°C	cSt	■ 52.1	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 4	---	---	---

### 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.



### WEAR METALS

Iron	ppm	■ 318	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	119	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	49	---	---	---
Phosphorus	ppm	2442	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	236	---	---	---

**Depot:** VOLVO4488  
**Unique No:** 10782312  
**Signed:** Don Baldrige  
**Report Date:** 15 Dec 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

