



# CONSTRUCTION EQUIPMENT

25456 VOLVO A45G 353374 - DROP BOX



**Sample No:** VCP433011  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 25456



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## SAMPLE INFORMATION

Sample Number	VCP433011	---	---	---
Sample Date	03 May 2024	---	---	---
Machine Hours	3912	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 50.1	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 32	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	▲ 523	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 9	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	92	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 133	---	---	---
Phosphorus	ppm	█ 2121	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 198	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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.

**Depot:** VOLVO3387  
**Unique No:** 11019029  
**Signed:** Don Baldrige  
**Report Date:** 10 May 2024



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## GRAPHS

