



# CONSTRUCTION EQUIPMENT

42344 VOLVO A45G 353379 - FRONT AXLE



**Sample No:** VCP447703  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 42344



## SAMPLE INFORMATION

Sample Number	VCP447703	---	---	---
Sample Date	11 Jun 2024	---	---	---
Machine Hours	3761	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**215 - ASCENDUM MACHINERY INC - CAYCE**  
 2303 AIRPORT BLVD  
 CAYCE, SC  
 US 29033  
 Contact: TAMI BROWDER  
 tami.browder@ascendummachinery.com  
 T: (803)923-2138  
 F: (803)791-9920



## OIL CONDITION

Visc @ 40°C	cSt	■ 52.7	---	---	---
-------------	-----	--------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 1	---	---	---

## 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	■ 45	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	83	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 62	---	---	---
Phosphorus	ppm	■ 2161	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 256	---	---	---

**Depot:** VOLVO0013  
**Unique No:** 11083857  
**Signed:** Wes Davis  
**Report Date:** 17 Jun 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

