



# CONSTRUCTION EQUIPMENT

7163 JUNCTION CITY VOLVO A40G 752051 - FRONT CENTER AXLE



**Sample No:** VCP434660  
**Oil Type:** VOLVO 85W90  
**Job No:** 7163 JUNCTION CITY



**364 - ASCENDUM MACHINERY INC - MACON**  
4807 HARRISON RD  
MACON, GA  
US 31206  
Contact: HALIE BAKER  
halie.baker@ascendummachinery.com  
T:  
F: (478)200-5859



## SAMPLE INFORMATION

Sample Number	VCP434660	---	---	---
Sample Date	04 Dec 2023	---	---	---
Machine Hours	980	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	▲ 52.0	---	---	---
-------------	-----	--------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 5	---	---	---



## WEAR METALS

Iron	ppm	■ 231	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	187	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	84	---	---	---
Phosphorus	ppm	2445	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	262	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of visible silt present in the sample. The oil viscosity is lower than normal. Confirm oil type.

**Depot:** ASCMAC  
**Unique No:** 10789010  
**Signed:** Jonathan Hester  
**Report Date:** 18 Dec 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

