



# CONSTRUCTION EQUIPMENT

SWA590217-20 VOLVO A30G 752316 - FRONT AXLE



**Sample No:** VCP435823  
**Oil Type:** {unknown}  
**Job No:** SWA590217-20



## SAMPLE INFORMATION

Sample Number	VCP435823	VCP379709	---	---
Sample Date	20 Jun 2024	29 Nov 2022	---	---
Machine Hours	3960	2557	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	95.6	97.7	---	---
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## CONTAMINATION

Water	%	NEG	0.388	---	---
Silicon	ppm	20	30	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	7	0	---	---

**Diagnosis**  
 No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. 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	877	514	---	---
Copper	ppm	303	42	---	---
Lead	ppm	0	0	---	---
Tin	ppm	17	0	---	---
Aluminum	ppm	3	6	---	---
Chromium	ppm	16	10	---	---
Molybdenum	ppm	13	14	---	---
Nickel	ppm	7	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	31	23	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	1094	656	---	---
Magnesium	ppm	5	10	---	---
Zinc	ppm	428	313	---	---
Phosphorus	ppm	1718	1336	---	---
Barium	ppm	5	7	---	---
Boron	ppm	309	155	---	---

**Depot:** VOLVO0095  
**Unique No:** 11110078  
**Signed:** Don Baldrige  
**Report Date:** 05 Jul 2024



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## GRAPHS

