



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 350190 - REAR AXLE



**Sample No:** VCP433968

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP433968</b>	VCP395234	VCP388112	VCP389245
Sample Date	<b>05 Sep 2023</b>	05 May 2023	19 Jan 2023	28 Sep 2022
Machine Hours	<b>2618</b>	2128	1651	1183
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	<b>49.1</b>	50.4	49.5	49.8
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### CONTAMINATION

Silicon	ppm	<b>3</b>	2	2	3
Sodium	ppm	<b>3</b>	3	2	3
Potassium	ppm	<b>3</b>	3	3	0



### WEAR METALS

Iron	ppm	<b>102</b>	121	62	77
Copper	ppm	<b>0</b>	<1	<1	1
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>0</b>	0	<1	0
Chromium	ppm	<b>2</b>	2	1	1
Molybdenum	ppm	<b>2</b>	3	2	3
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>6</b>	6	4	5
Vanadium	ppm	<b>0</b>	0	0	2



### ADDITIVES

Calcium	ppm	<b>335</b>	337	307	326
Magnesium	ppm	<b>2</b>	1	1	0
Zinc	ppm	<b>144</b>	146	147	131
Phosphorus	ppm	<b>2326</b>	2402	2185	2472
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>300</b>	280	267	296

### 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.

**Depot:** SAIBIR

**Unique No:** 10643548

**Signed:** Sean Felton

**Report Date:** 13 Sep 2023



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## GRAPHS

