



# CONSTRUCTION EQUIPMENT

SWO-068207 VOLVO A60H 350190 - BOGIE/CENTER RIGHT FINAL DRIVE



**Sample No:** VCP447577  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-068207



## SAMPLE INFORMATION

Sample Number	<b>VCP447577</b>	VCP433933	VCP395368	VCP388124
Sample Date	<b>12 Dec 2023</b>	05 Sep 2023	05 May 2023	19 Jan 2023
Machine Hours	<b>3131</b>	2618	2128	1651
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD  
BIRMINGHAM, AL  
US 35207

Contact: STEPHANI BRITTON  
sbritton@saiia.com;doug.bogart@wearcheck.com  
T: (205)943-2268  
F: (205)943-2269



## OIL CONDITION

Visc @ 40°C	cSt	<b>48.6</b>	48.6	48.5	48.9
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	2	2	2
Sodium	ppm	<b>2</b>	2	2	2
Potassium	ppm	<b>0</b>	1	1	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	<b>64</b>	96	96	72
Copper	ppm	<b>&lt;1</b>	0	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>&lt;1</b>	2	2	1
Molybdenum	ppm	<b>&lt;1</b>	<1	2	2
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	5	5	4
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>278</b>	296	293	279
Magnesium	ppm	<b>0</b>	1	1	2
Zinc	ppm	<b>121</b>	127	133	135
Phosphorus	ppm	<b>2287</b>	2351	2412	2255
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>273</b>	298	275	274

**Depot:** SAIBIR  
**Unique No:** 10793444  
**Signed:** Don Baldrige  
**Report Date:** 20 Dec 2023



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## GRAPHS

