



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 350190 - BOGIE/CENTER LEFT FINAL DRIVE



**Sample No:** VCP433969  
**Oil Type:** NOT GIVEN  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP433969</b>	VCP395371	VCP388364	VCP389246
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**  
 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>	49.3	48.9	49.0
-------------	-----	-------------	------	------	------



### CONTAMINATION

Silicon	ppm	<b>2</b>	1	2	3
Sodium	ppm	<b>2</b>	2	2	3
Potassium	ppm	<b>2</b>	1	1	0

### 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>95</b>	94	70	81
Copper	ppm	<b>0</b>	<1	<1	1
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	<1	<1
Chromium	ppm	<b>2</b>	2	1	1
Molybdenum	ppm	<b>1</b>	2	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>5</b>	4	4	5
Vanadium	ppm	<b>0</b>	0	0	2



### ADDITIVES

Calcium	ppm	<b>298</b>	291	274	288
Magnesium	ppm	<b>2</b>	<1	1	0
Zinc	ppm	<b>128</b>	131	133	115
Phosphorus	ppm	<b>2369</b>	2407	2219	2502
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>299</b>	276	274	299

**Depot:** SAIBIR  
**Unique No:** 10643551  
**Signed:** Sean Felton  
**Report Date:** 13 Sep 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

