



# CONSTRUCTION EQUIPMENT

## SWO-066610 VOLVO A60H 340099 - BOGIE/CENTER RIGHT FINAL DRIVE



**Sample No:** VCP434024  
**Oil Type:** Final Drive Oil  
**Job No:** SWO-066610



### SAMPLE INFORMATION

Sample Number	<b>VCP434024</b>	VCP416644	VCP410299	VCP388415
Sample Date	<b>11 Oct 2023</b>	18 Jul 2023	27 Mar 2023	14 Oct 2022
Machine Hours	<b>7982</b>	7491	7019	6595
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
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>252</b>	249	103	103
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### CONTAMINATION

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

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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>15</b>	18	58	63
Copper	ppm	<b>&lt;1</b>	0	1	1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	<1	0
Chromium	ppm	<b>&lt;1</b>	<1	1	<1
Molybdenum	ppm	<b>4</b>	5	3	3
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	2	2
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>122</b>	154	319	311
Magnesium	ppm	<b>42</b>	35	10	6
Zinc	ppm	<b>63</b>	88	172	158
Phosphorus	ppm	<b>936</b>	1113	1081	987
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>166</b>	219	162	153

**Depot:** SAIBIR  
**Unique No:** 10698762  
**Signed:** Sean Felton  
**Report Date:** 19 Oct 2023



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## VOLVO GRAPHS

