



# CONSTRUCTION EQUIPMENT

## SWO-063670 VOLVO A60 A60H 340126 - BOGIE/CENTER LEFT FINAL DRIVE



**Sample No:** VCP413254  
**Oil Type:** Final Drive Oil  
**Job No:** SWO-063670



### SAMPLE INFORMATION

Sample Number	<b>VCP413254</b>	VCP402624	VCP380957D	VCP379505
Sample Date	<b>11 Jul 2023</b>	10 Apr 2023	20 Jan 2023	19 Oct 2022
Machine Hours	<b>8645</b>	8117	7659	7148
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>202</b>	203	57.1	■ 57.2
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### CONTAMINATION

Silicon	ppm	■ <b>3</b>	■ 3	■ 2	■ 3
Sodium	ppm	■ <b>&lt;1</b>	■ 0	■ 4	■ 1
Potassium	ppm	■ <b>&lt;1</b>	■ 0	■ 0	■ 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>40</b>	■ 36	■ 112	■ 117
Copper	ppm	■ <b>&lt;1</b>	■ 0	■ 4	■ <1
Lead	ppm	■ <b>0</b>	■ 0	■ 0	■ <1
Tin	ppm	■ <b>&lt;1</b>	■ 0	■ 0	■ 0
Aluminum	ppm	■ <b>&lt;1</b>	■ 0	■ <1	■ <1
Chromium	ppm	■ <b>&lt;1</b>	■ 0	■ 2	■ 2
Molybdenum	ppm	■ <b>2</b>	■ <1	<1	<1
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>1</b>	■ <1	3	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	■ <b>47</b>	■ 39	8	10
Magnesium	ppm	■ <b>39</b>	■ 36	<1	0
Zinc	ppm	■ <b>82</b>	■ 66	6	4
Phosphorus	ppm	■ <b>1326</b>	■ 1151	1970	2100
Barium	ppm	■ <b>0</b>	■ 0	0	0
Boron	ppm	■ <b>194</b>	■ 200	242	246

**Depot:** SAIBIR  
**Unique No:** 10560346  
**Signed:** Don Baldrige  
**Report Date:** 17 Jul 2023



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## GRAPHS

