



# CONSTRUCTION EQUIPMENT

## SWO-063883 VOLVO A60H 350067 - BOGIE/CENTER LEFT FINAL DRIVE



**Sample No:** VCP405261  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SWO-063883



### SAMPLE INFORMATION

Sample Number	<b>VCP405261</b>	VCP410184	VCP366087	VCP354697
Sample Date	<b>12 Jul 2023</b>	31 Mar 2023	09 Nov 2022	02 Aug 2022
Machine Hours	<b>5889</b>	5382	4893	4363
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</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>287</b>	287	288	287
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Silicon	ppm	<b>3</b>	3	2	2
Sodium	ppm	<b>0</b>	0	0	0
Potassium	ppm	<b>1</b>	<1	0	<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>53</b>	41	15	13
Copper	ppm	<b>2</b>	1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	<1
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>1</b>	1	<1	<1
Molybdenum	ppm	<b>4</b>	3	2	3
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>126</b>	120	102	113
Magnesium	ppm	<b>20</b>	23	19	23
Zinc	ppm	<b>77</b>	73	20	72
Phosphorus	ppm	<b>1002</b>	992	825	1033
Barium	ppm	<b>0</b>	0	0	2
Boron	ppm	<b>165</b>	171	143	171

**Depot:** SAIBIR  
**Unique No:** 10561653  
**Signed:** Sean Felton  
**Report Date:** 19 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

