



# CONSTRUCTION EQUIPMENT

## SWO-071394 VOLVO A60H 350 187 - BOGIE/CENTER RIGHT FINAL DRIVE



**Sample No:** VCP452726  
**Oil Type:** {unknown}  
**Job No:** SWO-071394



### SAMPLE INFORMATION

Sample Number	<b>VCP452726</b>	VCP442657	VCP431088	VCP402465
Sample Date	<b>29 Apr 2024</b>	11 Jan 2024	06 Sep 2023	28 Feb 2023
Machine Hours	<b>3015</b>	2513	2021	1556
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	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>48.8</b>	49.0	49.9	49.3
-------------	-----	-------------	------	------	------



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	2	2	2
Sodium	ppm	<b>&lt;1</b>	3	2	2
Potassium	ppm	<b>3</b>	<1	4	<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>	116	55	101
Copper	ppm	<b>1</b>	1	<1	<1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>2</b>	0	0	<1
Chromium	ppm	<b>&lt;1</b>	2	<1	2
Molybdenum	ppm	<b>1</b>	3	<1	3
Nickel	ppm	<b>&lt;1</b>	<1	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	5	3	5
Vanadium	ppm	<b>&lt;1</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>305</b>	302	352	307
Magnesium	ppm	<b>2</b>	0	1	5
Zinc	ppm	<b>139</b>	133	159	130
Phosphorus	ppm	<b>2451</b>	2288	2442	2119
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>326</b>	261	289	282

**Depot:** SAIBIR  
**Unique No:** 11009509  
**Signed:** Don Baldrige  
**Report Date:** 07 May 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

