



# CONSTRUCTION EQUIPMENT

## SWO-071488 VOLVO A60 340124 - REAR LEFT FINAL DRIVE



**Sample No:** VCP455490  
**Oil Type:** {unknown}  
**Job No:** SWO-071488



### SAMPLE INFORMATION

Sample Number	<b>VCP455490</b>	VCP431029	VCP413218	VCP402468
Sample Date	<b>25 Apr 2024</b>	06 Nov 2023	15 Jun 2023	04 Mar 2023
Machine Hours	<b>9238</b>	8770	2220	7828
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
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>	283	282	171
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>1</b>	4	3	5
Sodium	ppm	<b>2</b>	1	0	7
Potassium	ppm	<b>0</b>	0	1	<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>16</b>	13	13	46
Copper	ppm	<b>0</b>	0	0	<1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>0</b>	0	<1	1
Molybdenum	ppm	<b>2</b>	<1	2	3
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>&lt;1</b>	0	<1	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>490</b>	456	479	2313
Magnesium	ppm	<b>23</b>	26	24	28
Zinc	ppm	<b>235</b>	236	242	954
Phosphorus	ppm	<b>1075</b>	963	1053	981
Barium	ppm	<b>0</b>	0	3	0
Boron	ppm	<b>152</b>	157	164	49

**Depot:** SAIBIR  
**Unique No:** 11005574  
**Signed:** Jonathan Hester  
**Report Date:** 03 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

