



# CONSTRUCTION EQUIPMENT

## SWO-071762 VOLVO A60 340104 - REAR LEFT FINAL DRIVE



**Sample No:** VCP447616  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SWO-071762



### SAMPLE INFORMATION

Sample Number	<b>VCP447616</b>	VCP435585	VCP403642	VCP390133
Sample Date	<b>15 May 2024</b>	30 Nov 2023	17 Apr 2023	08 Nov 2022
Machine Hours	<b>9718</b>	9185	8086	7528
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Changed	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>282</b>	282	207	207
Acid Number (AN)	mg KOH/g	---	---	---	1.47



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	4	2	2
Sodium	ppm	<b>1</b>	2	<1	0
Potassium	ppm	<b>2</b>	0	0	2

### 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>19</b>	10	27	25
Copper	ppm	<b>&lt;1</b>	<1	0	1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	0	0
Chromium	ppm	<b>&lt;1</b>	0	<1	<1
Molybdenum	ppm	<b>3</b>	2	2	2
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	4	2
Manganese	ppm	<b>&lt;1</b>	<1	1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>57</b>	57	54	94
Magnesium	ppm	<b>20</b>	24	17	19
Zinc	ppm	<b>52</b>	52	20	58
Phosphorus	ppm	<b>1153</b>	1026	884	1166
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>231</b>	195	141	180

**Depot:** SAIBIR  
**Unique No:** 11036078  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024



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## GRAPHS

