



# CONSTRUCTION EQUIPMENT

## SWO-067233 VOLVO A60 A60H 340126 - FRONT AXLE



**Sample No:** VCP431083  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO-067233



### SAMPLE INFORMATION

Sample Number	<b>VCP431083</b>	VCP417781	VCP397732	VCP379712
Sample Date	<b>03 Nov 2023</b>	11 Jul 2023	20 Jan 2023	19 Oct 2022
Machine Hours	<b>9145</b>	8645	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

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### OIL CONDITION

Visc @ 40°C	cSt	<b>249</b>	220	57.0	57.4
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### CONTAMINATION

Silicon	ppm	<b>7</b>	6	<1	4
Sodium	ppm	<b>0</b>	<1	4	<1
Potassium	ppm	<b>0</b>	<1	0	0



### WEAR METALS

Iron	ppm	<b>27</b>	33	64	66
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>&lt;1</b>	<1	0	<1
Chromium	ppm	<b>&lt;1</b>	<1	1	1
Molybdenum	ppm	<b>4</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>&lt;1</b>	1	1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>72</b>	39	11	15
Magnesium	ppm	<b>22</b>	28	<1	0
Zinc	ppm	<b>59</b>	59	5	4
Phosphorus	ppm	<b>876</b>	1314	2041	2150
Barium	ppm	<b>&lt;1</b>	0	<1	0
Boron	ppm	<b>150</b>	200	265	268

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

**Depot:** SAIBIR  
**Unique No:** 10735626  
**Signed:** Sean Felton  
**Report Date:** 10 Nov 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

