



# CONSTRUCTION EQUIPMENT

SWO-064940 VOLVO A60 340104 - BOGIE/CENTER LEFT FINAL DRIVE



**Sample No:** VCP427498  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO-064940



## SAMPLE INFORMATION

Sample Number	<b>VCP427498</b>	VCP403792	VCP390137	VCP364282
Sample Date	<b>24 Aug 2023</b>	17 Apr 2023	08 Nov 2022	25 Aug 2022
Machine Hours	<b>8689</b>	8086	7528	6996
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>292</b>	228	228	229
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## CONTAMINATION

Silicon	ppm	<b>3</b>	1	1	2
Sodium	ppm	<b>0</b>	0	0	0
Potassium	ppm	<b>&lt;1</b>	0	2	<1



## WEAR METALS

Iron	ppm	<b>15</b>	39	30	25
Copper	ppm	<b>&lt;1</b>	0	<1	<1
Lead	ppm	<b>&lt;1</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>3</b>	2	3	2
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	2	0
Manganese	ppm	<b>&lt;1</b>	1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>59</b>	62	77	67
Magnesium	ppm	<b>24</b>	18	21	20
Zinc	ppm	<b>54</b>	23	52	46
Phosphorus	ppm	<b>983</b>	796	1028	957
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>187</b>	139	172	175

## 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.

**Depot:** SAIBIR  
**Unique No:** 10630544  
**Signed:** Don Baldrige  
**Report Date:** 05 Sep 2023



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## GRAPHS

