



# CONSTRUCTION EQUIPMENT

## SWO-071762 VOLVO A60 340104 - BOGIE/CENTER AXLE



**Sample No:** VCP447612  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO-071762



### SAMPLE INFORMATION

Sample Number	<b>VCP447612</b>	VCP428520	VCP426205	VCP405926
Sample Date	<b>15 May 2024</b>	30 Nov 2023	24 Aug 2023	17 Apr 2023
Machine Hours	<b>9718</b>	9185	8689	8086
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

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### OIL CONDITION

Visc @ 40°C	cSt	<b>292</b>	294	292	228
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	3	3	2
Sodium	ppm	<b>&lt;1</b>	2	0	0
Potassium	ppm	<b>2</b>	0	0	0

### 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>27</b>	16	15	57
Copper	ppm	<b>&lt;1</b>	<1	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>&lt;1</b>	0	<1	1
Molybdenum	ppm	<b>3</b>	2	3	3
Nickel	ppm	<b>0</b>	0	0	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	2
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>58</b>	58	56	75
Magnesium	ppm	<b>22</b>	25	24	16
Zinc	ppm	<b>53</b>	53	51	28
Phosphorus	ppm	<b>1127</b>	1004	992	1135
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>228</b>	192	193	205

**Depot:** SAIBIR  
**Unique No:** 11036079  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024



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## VOLVO GRAPHS

