



# CONSTRUCTION EQUIPMENT

SWO-064541 VOLVO A60H 350051 - BOGIE/CENTER RIGHT FINAL DRIVE



**Sample No:** VCP369320  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SWO-064541



## SAMPLE INFORMATION

Sample Number	<b>VCP369320</b>	VCP424719	VCP380967	VCP364219
Sample Date	<b>03 Aug 2023</b>	28 Apr 2023	21 Dec 2022	31 Aug 2022
Machine Hours	<b>6858</b>	6390	5828	5303
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>279</b>	277	136	138
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## CONTAMINATION

Silicon	ppm	<b>3</b>	4	1	1
Sodium	ppm	<b>0</b>	1	<1	0
Potassium	ppm	<b>1</b>	<1	<1	0



## WEAR METALS

Iron	ppm	<b>60</b>	82	24	20
Copper	ppm	<b>&lt;1</b>	<1	<1	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	<1	0	0
Chromium	ppm	<b>2</b>	2	<1	<1
Molybdenum	ppm	<b>2</b>	2	3	3
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>2</b>	2	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>61</b>	60	56	45
Magnesium	ppm	<b>12</b>	15	26	18
Zinc	ppm	<b>44</b>	48	82	74
Phosphorus	ppm	<b>1033</b>	1084	991	933
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>196</b>	178	50	62

## 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:** 10589850  
**Signed:** Sean Felton  
**Report Date:** 08 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

