



# CONSTRUCTION EQUIPMENT

SWO-064724 VOLVO A60H 340044 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP411752  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO-064724



## SAMPLE INFORMATION

Sample Number	<b>VCP411752</b>	VCP410146	VCP406380	VCP379866
Sample Date	<b>04 Aug 2023</b>	11 May 2023	21 Feb 2023	19 Oct 2022
Machine Hours	<b>8791</b>	8303	7835	7312
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>311</b>	311	285	286
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## CONTAMINATION

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



## WEAR METALS

Iron	ppm	<b>16</b>	11	28	11
Copper	ppm	<b>&lt;1</b>	0	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	<1	0
Chromium	ppm	<b>0</b>	<1	<1	0
Molybdenum	ppm	<b>2</b>	2	6	5
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	<1



## ADDITIVES

Calcium	ppm	<b>61</b>	56	126	111
Magnesium	ppm	<b>31</b>	28	42	41
Zinc	ppm	<b>65</b>	62	85	75
Phosphorus	ppm	<b>1020</b>	985	806	768
Barium	ppm	<b>2</b>	0	<1	0
Boron	ppm	<b>196</b>	183	121	107

## 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:** 10607572  
**Signed:** Sean Felton  
**Report Date:** 18 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

