



# CONSTRUCTION EQUIPMENT

## SWO-064724 VOLVO A60H 340044 - REAR LEFT FINAL DRIVE



**Sample No:** VCP411893  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SWO-064724



### SAMPLE INFORMATION

Sample Number	<b>VCP411893</b>	VCP403625	VCP395108	VCP381245
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>	ATTENTION	ATTENTION	ATTENTION

### SAIIA CONSTRUCTION LLC

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 BIRMINGHAM, AL  
 US 35207

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### OIL CONDITION

Visc @ 40°C	cSt	<b>304</b>	310	280	278
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	<b>17</b>	12	42	20
Copper	ppm	<b>&lt;1</b>	0	<1	4
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	0	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	1	<1
Molybdenum	ppm	<b>2</b>	2	6	6
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	0



### ADDITIVES

Calcium	ppm	<b>62</b>	61	132	162
Magnesium	ppm	<b>32</b>	30	44	45
Zinc	ppm	<b>67</b>	67	87	94
Phosphorus	ppm	<b>1024</b>	986	790	835
Barium	ppm	<b>2</b>	0	<1	0
Boron	ppm	<b>196</b>	180	118	115

### 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:** 10607565  
**Signed:** Sean Felton  
**Report Date:** 18 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

