



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 340039 - REAR LEFT FINAL DRIVE



**Sample No:** VCP441428  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP441428</b>	VCP433853	VCP412505	VCP383820
Sample Date	<b>18 Jan 2024</b>	27 Sep 2023	20 Jun 2023	29 Nov 2022
Machine Hours	<b>8521</b>	8052	7542	7061
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**  
 4400 LEWISBURG RD  
 BIRMINGHAM, AL  
 US 35207  
 Contact: STEPHANI BRITTON  
 sbritton@saiia.com;doug.bogart@wearcheck.com  
 T: (205)943-2268  
 F: (205)943-2269



### OIL CONDITION

Visc @ 40°C	cSt	<b>283</b>	266	267	266
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	1	2	2
Sodium	ppm	<b>2</b>	<1	<1	0
Potassium	ppm	<b>1</b>	1	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>5</b>	4	15	10
Copper	ppm	<b>0</b>	0	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>6</b>	1	3	2
Nickel	ppm	<b>&lt;1</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	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>106</b>	50	97	94
Magnesium	ppm	<b>35</b>	7	16	14
Zinc	ppm	<b>97</b>	10	48	53
Phosphorus	ppm	<b>764</b>	593	994	931
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>131</b>	88	183	161

**Depot:** SAIBIR  
**Unique No:** 10848655  
**Signed:** Sean Felton  
**Report Date:** 30 Jan 2024



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## GRAPHS

