



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 340039 - BOGIE/CENTER RIGHT FINAL DRIVE



**Sample No:** VCP410908  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP410908</b>	VCP388261	VCP365465	VCP362931
Sample Date	<b>20 Jun 2023</b>	29 Nov 2022	15 Aug 2022	04 May 2022
Machine Hours	<b>7542</b>	7061	6529	6042
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>272</b>	270	270	116
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### CONTAMINATION

Silicon	ppm	<b>2</b>	2	2	1
Sodium	ppm	<b>0</b>	0	0	<1
Potassium	ppm	<b>0</b>	0	<1	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>36</b>	18	15	77
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>0</b>	<1	<1	<1
Chromium	ppm	<b>1</b>	<1	<1	2
Molybdenum	ppm	<b>2</b>	2	2	4
Nickel	ppm	<b>&lt;1</b>	0	<1	1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>1</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>88</b>	85	79	150
Magnesium	ppm	<b>14</b>	12	13	7
Zinc	ppm	<b>45</b>	51	47	68
Phosphorus	ppm	<b>1033</b>	912	928	1157
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>186</b>	154	152	235

**Depot:** SAIBIR  
**Unique No:** 10538565  
**Signed:** Don Baldrige  
**Report Date:** 04 Jul 2023



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## VOLVO GRAPHS

