



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 340039 - REAR AXLE



**Sample No:** VCP412640  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP412640</b>	VCP366100	VCP366687	VCP354403
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>264</b>	266	267	128
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### CONTAMINATION

Silicon	ppm	<b>2</b>	2	2	2
Sodium	ppm	<b>&lt;1</b>	<1	0	<1
Potassium	ppm	<b>&lt;1</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>16</b>	10	9	40
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>0</b>	2	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	1
Molybdenum	ppm	<b>3</b>	3	3	5
Nickel	ppm	<b>&lt;1</b>	0	0	<1
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>97</b>	93	114	175
Magnesium	ppm	<b>17</b>	13	14	14
Zinc	ppm	<b>49</b>	52	59	83
Phosphorus	ppm	<b>1006</b>	921	901	1055
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>187</b>	160	152	242

**Depot:** SAIBIR  
**Unique No:** 10538566  
**Signed:** Don Baldrige  
**Report Date:** 04 Jul 2023



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## GRAPHS

