



# CONSTRUCTION EQUIPMENT

## 133991 VOLVO A40G 352810 - REAR AXLE



**Sample No:** VCP410096  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 133991



### SAMPLE INFORMATION

Sample Number	<b>VCP410096</b>	VCP419493	VCP410510	VCP383282
Sample Date	<b>04 Aug 2023</b>	05 Jun 2023	10 Apr 2023	20 Feb 2023
Machine Hours	<b>5500</b>	4941	4420	4017
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE  
 14242 S SH-34  
 SCURRY, TX  
 US 75158  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>131</b>	130	130	133
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	<b>7</b>	5	5	11
Copper	ppm	<b>&lt;1</b>	0	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	2	<1	<1
Chromium	ppm	<b>0</b>	<1	0	<1
Molybdenum	ppm	<b>&lt;1</b>	1	2	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>38</b>	73	107	48
Magnesium	ppm	<b>2</b>	4	8	3
Zinc	ppm	<b>19</b>	28	44	26
Phosphorus	ppm	<b>980</b>	634	932	983
Barium	ppm	<b>2</b>	0	0	<1
Boron	ppm	<b>211</b>	124	191	210

### 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.

**Depot:** LATSCU  
**Unique No:** 10603746  
**Signed:** Wes Davis  
**Report Date:** 15 Aug 2023



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## VOLVO GRAPHS

