



# CONSTRUCTION EQUIPMENT

## 134249 VOLVO A40G 352811 - REAR AXLE



**Sample No:** VCP433911  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 134249



### SAMPLE INFORMATION

Sample Number	<b>VCP433911</b>	VCP416975	VCP408762	VCP410507
Sample Date	<b>06 Sep 2023</b>	10 Jul 2023	15 May 2023	24 Mar 2023
Machine Hours	<b>5919</b>	5448	4955	4491
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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

Visc @ 40°C	cSt	<b>130</b>	130	131	132
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### CONTAMINATION

Silicon	ppm	<b>1</b>	<1	<1	<1
Sodium	ppm	<b>0</b>	<1	<1	<1
Potassium	ppm	<b>&lt;1</b>	0	2	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>12</b>	8	13	9
Copper	ppm	<b>&lt;1</b>	<1	0	0
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	0	<1	0
Molybdenum	ppm	<b>2</b>	2	1	<1
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>73</b>	75	57	58
Magnesium	ppm	<b>10</b>	8	11	5
Zinc	ppm	<b>37</b>	36	33	30
Phosphorus	ppm	<b>969</b>	986	980	968
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>200</b>	226	191	204

**Depot:** LATSCU  
**Unique No:** 10662692  
**Signed:** Wes Davis  
**Report Date:** 27 Sep 2023



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## GRAPHS

