



# CONSTRUCTION EQUIPMENT

## 134802 VOLVO A40G 352811 - FRONT AXLE



**Sample No:** VCP431224  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 134802



### SAMPLE INFORMATION

Sample Number	<b>VCP431224</b>	VCP433906	VCP426969	VCP408766
Sample Date	<b>06 Nov 2023</b>	06 Sep 2023	10 Jul 2023	15 May 2023
Machine Hours	<b>6298</b>	5919	5448	4955
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>122</b>	130	130	131
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### CONTAMINATION

Silicon	ppm	<b>&lt;1</b>	<1	<1	<1
Sodium	ppm	<b>0</b>	0	<1	<1
Potassium	ppm	<b>&lt;1</b>	<1	0	3



### WEAR METALS

Iron	ppm	<b>11</b>	17	14	18
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	<1	<1
Chromium	ppm	<b>0</b>	<1	0	<1
Molybdenum	ppm	<b>0</b>	2	2	1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>32</b>	73	75	55
Magnesium	ppm	<b>4</b>	10	8	11
Zinc	ppm	<b>40</b>	40	35	31
Phosphorus	ppm	<b>920</b>	974	982	967
Barium	ppm	<b>2</b>	0	0	0
Boron	ppm	<b>190</b>	198	224	190

### 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:** 10736952  
**Signed:** Wes Davis  
**Report Date:** 10 Nov 2023



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## GRAPHS

