



# CONSTRUCTION EQUIPMENT

## 134054 VOLVO A45G 352200 - REAR AXLE



**Sample No:** VCP423763  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 134054



### SAMPLE INFORMATION

Sample Number	<b>VCP423763</b>	VCP424727	VCP315598	VCP382542
Sample Date	<b>11 Aug 2023</b>	16 Jun 2023	14 Apr 2023	15 Feb 2023
Machine Hours	<b>10466</b>	9998	9469	9006
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  
 Contact: WALLACE WARREN  
 wallace.warren@lafargeholcim.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>131</b>	129	130	131
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### CONTAMINATION

Silicon	ppm	<b>&lt;1</b>	3	3	2
Sodium	ppm	<b>0</b>	0	0	<1
Potassium	ppm	<b>1</b>	1	0	<1

### 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>7</b>	14	8	6
Copper	ppm	<b>0</b>	0	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	<1	1	1
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<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>	0	<1	0
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>49</b>	86	107	74
Magnesium	ppm	<b>4</b>	3	3	7
Zinc	ppm	<b>22</b>	39	34	42
Phosphorus	ppm	<b>996</b>	1022	970	981
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>226</b>	204	206	206

**Depot:** LATSCU  
**Unique No:** 10617700  
**Signed:** Wes Davis  
**Report Date:** 24 Aug 2023



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## VOLVO GRAPHS

