



# CONSTRUCTION EQUIPMENT

## 134055 VOLVO A45G 352245 - REAR AXLE



**Sample No:** VCP418726  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 134055



### SAMPLE INFORMATION

Sample Number	<b>VCP418726</b>	VCP423861	VCP396583	VCP396774
Sample Date	<b>11 Aug 2023</b>	19 Jun 2023	03 Mar 2023	27 Dec 2022
Machine Hours	<b>9987</b>	0	8955	8513
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>133</b>	133	133	144
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### CONTAMINATION

Silicon	ppm	<b>1</b>	<1	<1	1
Sodium	ppm	<b>0</b>	0	0	0
Potassium	ppm	<b>0</b>	<1	1	1

### WEAR METALS

Iron	ppm	<b>19</b>	12	8	28
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	0	1	0
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>0</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	0
Manganese	ppm	<b>&lt;1</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>23</b>	19	28	41
Magnesium	ppm	<b>1</b>	1	2	<1
Zinc	ppm	<b>5</b>	8	11	16
Phosphorus	ppm	<b>1032</b>	1000	934	974
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>235</b>	193	167	196

### 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:** 10617624  
**Signed:** Wes Davis  
**Report Date:** 24 Aug 2023



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## VOLVO GRAPHS

