



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 752372 - REAR AXLE



**Sample No:** VCP434680  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP434680</b>	VCP427194	VCP410813	VCP410818
Sample Date	<b>09 Feb 2024</b>	25 Aug 2023	13 Jul 2023	28 Feb 2023
Machine Hours	<b>2500</b>	3000	3000	2500
Oil Hours	<b>500</b>	1000	1000	500
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**SANTA ROSA COUNTY LANDFILLS**  
 6337 DA LISA RD  
 MILTON, FL  
 US 32583  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>116</b>	144	142	121
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	10	9	2
Sodium	ppm	<b>&lt;1</b>	<1	0	<1
Potassium	ppm	<b>0</b>	2	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>118</b>	74	59	100
Copper	ppm	<b>14</b>	6	6	10
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>0</b>	<1	<1	<1
Chromium	ppm	<b>2</b>	1	<1	1
Molybdenum	ppm	<b>7</b>	7	8	8
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>0</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	2	2	4
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>305</b>	146	103	211
Magnesium	ppm	<b>28</b>	32	25	31
Zinc	ppm	<b>168</b>	87	70	115
Phosphorus	ppm	<b>1050</b>	1009	1000	935
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>166</b>	174	190	183

**Depot:** SANMILFL  
**Unique No:** 10886188  
**Signed:** Wes Davis  
**Report Date:** 20 Feb 2024



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## GRAPHS

