



# CONSTRUCTION EQUIPMENT

## SWO-067874 VOLVO A60 340104 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP435589  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO-067874



### SAMPLE INFORMATION

Sample Number	<b>VCP435589</b>	VCP426210	VCP405242	VCP390132
Sample Date	<b>30 Nov 2023</b>	24 Aug 2023	17 Apr 2023	08 Nov 2022
Machine Hours	<b>9185</b>	8689	8086	7528
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>289</b>	287	223	223
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	2	2
Sodium	ppm	<b>2</b>	0	0	0
Potassium	ppm	<b>0</b>	0	0	2

### 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>15</b>	15	61	32
Copper	ppm	<b>&lt;1</b>	<1	<1	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	<1	0
Chromium	ppm	<b>0</b>	<1	1	<1
Molybdenum	ppm	<b>2</b>	3	3	3
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	2
Manganese	ppm	<b>&lt;1</b>	<1	2	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>64</b>	61	100	128
Magnesium	ppm	<b>26</b>	24	20	24
Zinc	ppm	<b>56</b>	53	43	76
Phosphorus	ppm	<b>991</b>	982	1151	1026
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>190</b>	188	198	166

**Depot:** SAIBIR  
**Unique No:** 10776611  
**Signed:** Don Baldrige  
**Report Date:** 08 Dec 2023



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## GRAPHS

