



# CONSTRUCTION EQUIPMENT

SWO-067874 VOLVO A60 340104 - REAR AXLE



**Sample No:** VCP428771  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SWO-067874



## SAMPLE INFORMATION

Sample Number	VCP428771	VCP427232	VCP405925	VCP390131
Sample Date	30 Nov 2023	24 Aug 2023	17 Apr 2023	08 Nov 2022
Machine Hours	9185	8689	8086	7528
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	286	280	207	206



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	2	2
Sodium	ppm	2	0	0	0
Potassium	ppm	0	<1	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	10	14	41	21
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	2	3	3	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	2
Manganese	ppm	<1	<1	2	<1
Vanadium	ppm	0	0	0	0



## ADDITIVES

Calcium	ppm	58	58	71	81
Magnesium	ppm	23	23	14	19
Zinc	ppm	52	52	26	50
Phosphorus	ppm	1029	1026	1298	1171
Barium	ppm	0	0	0	0
Boron	ppm	195	193	214	182

**Depot:** SAIBIR  
**Unique No:** 10776610  
**Signed:** Don Baldrige  
**Report Date:** 08 Dec 2023



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## GRAPHS

