



# CONSTRUCTION EQUIPMENT

SWO-067874 VOLVO A60 340104 - BOGIE/CENTER LEFT FINAL DRIVE



**Sample No:** VCP428772  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO-067874



## SAMPLE INFORMATION

Sample Number	VCP428772	VCP427498	VCP403792	VCP390137
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 Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	293	292	228	228



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	1	1
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	17	15	39	30
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	2	3	2	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	2
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



## ADDITIVES

Calcium	ppm	58	59	62	77
Magnesium	ppm	25	24	18	21
Zinc	ppm	53	54	23	52
Phosphorus	ppm	998	983	796	1028
Barium	ppm	0	0	0	0
Boron	ppm	194	187	139	172

**Depot:** SAIBIR  
**Unique No:** 10776614  
**Signed:** Don Baldrige  
**Report Date:** 08 Dec 2023



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## GRAPHS

