



# CONSTRUCTION EQUIPMENT

SWA511448 VOLVO A40G 340612 - REAR AXLE



**Sample No:** VCP423823  
**Oil Type:** GEAR OIL LS 80W90  
**Job No:** SWA511448



## SAMPLE INFORMATION

Sample Number	VCP423823	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	11337	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 113	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ <1	---	---	---

## 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	█ 183	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 40	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ <1	---	---	---



## ADDITIVES

Calcium	ppm	█ 336	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 24	---	---	---
Phosphorus	ppm	█ 1155	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 169	---	---	---

**Depot:** VOLVO0046  
**Unique No:** 10977807  
**Signed:** Sean Felton  
**Report Date:** 16 Apr 2024



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## GRAPHS

