



# CONSTRUCTION EQUIPMENT

## RA87 VOLVO L70H 624378 - FRONT AXLE



**Sample No:** VCP374209  
**Oil Type:** VOLVO WB 102  
**Job No:** RA87



### SAMPLE INFORMATION

Sample Number	VCP374209	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	984	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	MARGINAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 41.5	---	---	---
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### CONTAMINATION

Water	%	▲ 0.233	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 13	---	---	---
Potassium	ppm	█ 0	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	█ 68	---	---	---
Copper	ppm	█ 27	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 10	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 3789	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1514	---	---	---
Phosphorus	ppm	█ 1322	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 125	---	---	---

**Depot:** VOLVO0080  
**Unique No:** 10762999  
**Signed:** Don Baldrige  
**Report Date:** 30 Nov 2023



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## GRAPHS

