



# CONSTRUCTION EQUIPMENT

## D12865 LKQ VOLVO L90H 625783 - FRONT AXLE



**Sample No:** VCP429534  
**Oil Type:** VOLVO WB 102  
**Job No:** D12865 LKQ



### SAMPLE INFORMATION

Sample Number	VCP429534	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	4004	---	---	---
Oil Hours	1687	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 42.7	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



### WEAR METALS

Iron	ppm	█ 23	---	---	---
Copper	ppm	█ 87	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 8	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 3948	---	---	---
Magnesium	ppm	█ 19	---	---	---
Zinc	ppm	█ 1618	---	---	---
Phosphorus	ppm	█ 1291	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 147	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0069  
**Unique No:** 10709636  
**Signed:** Sean Felton  
**Report Date:** 25 Oct 2023



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## GRAPHS

