



# CONSTRUCTION EQUIPMENT

## SW-32971-2 CML ROCK VOLVO L220H 3376 - REAR AXLE



**Sample No:** VCP446803  
**Oil Type:** VOLVO WB 102  
**Job No:** SW-32971-2 CML ROCK



### SAMPLE INFORMATION

Sample Number	VCP446803	---	---	---
Sample Date	22 Apr 2024	---	---	---
Machine Hours	4089	---	---	---
Oil Hours	4089	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH  
 SALT LAKE CITY, UT  
 US 84119

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### OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 0	---	---	---

### 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	█ 89	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 3643	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1566	---	---	---
Phosphorus	ppm	█ 1350	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 117	---	---	---

**Depot:** VOLVO8770  
**Unique No:** 11004058  
**Signed:** Wes Davis  
**Report Date:** 30 Apr 2024



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## GRAPHS

