



# CONSTRUCTION EQUIPMENT

567794 VOLVO L220H 3204 - FRONT AXLE



**Sample No:** VCP393577  
**Oil Type:** VOLVO WB 102  
**Job No:** 567794



## SAMPLE INFORMATION

Sample Number	VCP393577	VCP406164	---	---
Sample Date	26 Jun 2023	27 Feb 2022	---	---
Machine Hours	3766	3281	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

**FIVE STONES MINE**  
MORNING STAR FARM RD  
CANAL POINT, FL  
US 33430  
Contact: Service Manager

## OIL CONDITION

Visc @ 40°C	cSt	42.7	42.6	---	---
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T:  
F:

## CONTAMINATION

Silicon	ppm	14	13	---	---
Sodium	ppm	3	5	---	---
Potassium	ppm	2	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	127	93	---	---
Copper	ppm	39	34	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	1	---	---
Chromium	ppm	3	3	---	---
Molybdenum	ppm	<1	3	---	---
Nickel	ppm	1	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	3703	4038	---	---
Magnesium	ppm	17	23	---	---
Zinc	ppm	1532	1697	---	---
Phosphorus	ppm	1222	1302	---	---
Barium	ppm	0	0	---	---
Boron	ppm	129	134	---	---

**Depot:** FIVCAN  
**Unique No:** 10537451  
**Signed:** Wes Davis  
**Report Date:** 02 Jul 2023



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## GRAPHS

