



# CONSTRUCTION EQUIPMENT

TMR-OCALA 31ST ST 634300 423144 VOLVO L90H 623745 - FRONT AXLE



**Sample No:** VCP443054  
**Oil Type:** VOLVO WB 102  
**Job No:** 634300



## SAMPLE INFORMATION

Sample Number	VCP443054	DJJ0018202	---	---
Sample Date	20 Nov 2023	13 Feb 2023	---	---
Machine Hours	8237	6858	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	SEVERE	SEVERE	---	---

**TRADEMARK METALS RECYCLING - OCALA**  
1854 NW 31ST STREET  
OCALA, FL  
US 34475  
Contact: RYAN BOWDEN



## OIL CONDITION

Visc @ 40°C	cSt	■ 43.0	■ 53.5	---	---
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T:  
F: (352)351-6847



## CONTAMINATION

Water	%	■ 0.180	● 6.78	---	---
Silicon	ppm	■ 67	■ 62	---	---
Sodium	ppm	■ 4	■ 7	---	---
Potassium	ppm	■ 1	■ 2	---	---

## Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a trace of moisture present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



## WEAR METALS

Iron	ppm	● 4327	■ 164	---	---
Copper	ppm	■ 15	■ 2	---	---
Lead	ppm	■ 1	■ 4	---	---
Tin	ppm	■ 1	■ 6	---	---
Aluminum	ppm	■ 4	■ 5	---	---
Chromium	ppm	▲ 38	■ 2	---	---
Molybdenum	ppm	■ 6	■ 2	---	---
Nickel	ppm	● 41	■ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	42	■ 2	---	---
Vanadium	ppm	<1	<1	---	---



## ADDITIVES

Calcium	ppm	■ 3295	■ 3900	---	---
Magnesium	ppm	■ 24	■ 29	---	---
Zinc	ppm	■ 1491	■ 1829	---	---
Phosphorus	ppm	■ 1243	■ 1358	---	---
Barium	ppm	■ 0	■ <1	---	---
Boron	ppm	■ 121	■ 145	---	---

**Depot:** TRAOCA  
**Unique No:** 10765291  
**Signed:** Don Baldrige  
**Report Date:** 03 Dec 2023



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## GRAPHS

