



# CONSTRUCTION EQUIPMENT

SW0067960 HERC VOLVO L70H 623539 - REAR AXLE



**Sample No:** VCP430868  
**Oil Type:** VOLVO WB 102  
**Job No:** SW0067960 HERC



## SAMPLE INFORMATION

Sample Number	VCP430868	---	---	---
Sample Date	30 Nov 2023	---	---	---
Machine Hours	1978	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE  
PENSACOLA, FL  
US 32534

Contact: HUGH DOBBS  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 40.7	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 26	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 1	---	---	---



## WEAR METALS

Iron	ppm	█ 96	---	---	---
Copper	ppm	█ 58	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 7	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 7	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 3960	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 1630	---	---	---
Phosphorus	ppm	█ 1317	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 132	---	---	---

## 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.

**Depot:** VOLVO8247  
**Unique No:** 10769935  
**Signed:** Wes Davis  
**Report Date:** 06 Dec 2023



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## GRAPHS

