



# CONSTRUCTION EQUIPMENT

RS0035086 VOLVO L120H 633113 - FRONT AXLE



**Sample No:** VCP426979  
**Oil Type:** VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102  
**Job No:** RSO035086



## SAMPLE INFORMATION

Sample Number	VCP426979	---	---	---
Sample Date	16 Aug 2023	---	---	---
Machine Hours	943	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

## COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE  
 PENSACOLA, FL  
 US 32534

Contact: HUGH DOBBS  
 HDOBBS@COWIN.COM  
 T: (850)479-3004  
 F: (850)474-1602



## OIL CONDITION

Visc @ 40°C	cSt	█ 40.3	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 82	---	---	---
Copper	ppm	█ 28	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3767	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 1601	---	---	---
Phosphorus	ppm	█ 1309	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 129	---	---	---

## 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:** VOLV08247  
**Unique No:** 10616426  
**Signed:** Wes Davis  
**Report Date:** 23 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

