



# CONSTRUCTION EQUIPMENT

562094 COVANTA VOLVO L220H 3339 - REAR AXLE



**Sample No:** VCP450782  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** 562094 COVANTA



## SAMPLE INFORMATION

Sample Number	VCP450782	---	---	---
Sample Date	21 May 2024	---	---	---
Machine Hours	9447	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

### ALTA EQUIPMENT COMPANY

5210 REESE ROAD  
DAVIE, FL  
US 33314

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## OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 2	---	---	---



## WEAR METALS

Iron	ppm	▲ 1330	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 15	---	---	---
Molybdenum	ppm	■ 89	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 20	---	---	---
Vanadium	ppm	1	---	---	---



## ADDITIVES

Calcium	ppm	■ 3915	---	---	---
Magnesium	ppm	■ 14	---	---	---
Zinc	ppm	■ 1609	---	---	---
Phosphorus	ppm	■ 1359	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 115	---	---	---

## 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. The iron level is severe. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** VOLVO0095  
**Unique No:** 11057883  
**Signed:** Don Baldrige  
**Report Date:** 01 Jun 2024



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## GRAPHS

