



# CONSTRUCTION EQUIPMENT

## 730045 IAA VOLVO L90H 625959 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP449681  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** 730045 IAA



### SAMPLE INFORMATION

Sample Number	VCP449681	---	---	---
Sample Date	19 Jun 2024	---	---	---
Machine Hours	5059	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### ALTA EQUIPMENT COMPANY

5210 REESE ROAD  
 DAVIE, FL  
 US 33314

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### OIL CONDITION

Visc @ 40°C	cSt	■ 39.4	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 0	---	---	---



### WEAR METALS

Iron	ppm	■ 109	---	---	---
Copper	ppm	▲ 39	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	■ 3353	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	■ 1449	---	---	---
Phosphorus	ppm	■ 1229	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 101	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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:** VOLVO0095  
**Unique No:** 11099810  
**Signed:** Angela Borella  
**Report Date:** 28 Jun 2024



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## GRAPHS

