



# CONSTRUCTION EQUIPMENT

SW1033237 IAA 7 VOLVO L90H 626385 - FRONT AXLE



**Sample No:** VCP438514  
**Oil Type:** VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102  
**Job No:** SW1033237 IAA 7



## SAMPLE INFORMATION

Sample Number	VCP438514	---	---	---
Sample Date	24 Apr 2024	---	---	---
Machine Hours	4093	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**ARNOLD MACHINERY COMPANY**  
 4323 EAST WINSLOW AVENUE  
 PHOENIX, AZ  
 US 85040  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 44.8	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 14	---	---	---
Potassium	ppm	█ 3	---	---	---

## 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.



## WEAR METALS

Iron	ppm	█ 209	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 18	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 15	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 6603	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 2314	---	---	---
Phosphorus	ppm	█ 1628	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 262	---	---	---

**Depot:** VOLVO6174  
**Unique No:** 11006771  
**Signed:** Jonathan Hester  
**Report Date:** 05 May 2024



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## GRAPHS

