



# CONSTRUCTION EQUIPMENT

1316 IAA VOLVO L90G 3186 - REAR AXLE



**Sample No:** VCP441932  
**Oil Type:** VOLVO WB 102  
**Job No:** 1316 IAA



## SAMPLE INFORMATION

Sample Number	VCP441932	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	16494	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
 8594 FRUITRIDGE ROAD  
 SACRAMENTO, CA  
 US 95826  
 Contact: RAY KRANZUSCH  
 ray.kranzusch@vcesvolvo.com  
 T:  
 F:



## OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ <1	---	---	---

## 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	█ 11	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 3813	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1561	---	---	---
Phosphorus	ppm	█ 1283	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 131	---	---	---

**Depot:** VOLVO4485  
**Unique No:** 10765264  
**Signed:** Wes Davis  
**Report Date:** 30 Nov 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

