



# CONSTRUCTION EQUIPMENT

687032 RENTALS TB290 185109863 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP438372  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 687032 RENTALS



## SAMPLE INFORMATION

Sample Number	VCP438372	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	1029	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 186	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 52	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 15	---	---	---

## Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 505	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	▲ 11	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 84	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 109	---	---	---
Phosphorus	ppm	█ 499	---	---	---
Barium	ppm	█ 10	---	---	---
Boron	ppm	█ 53	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 10941416  
**Signed:** Sean Felton  
**Report Date:** 27 Mar 2024



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## GRAPHS

