



# CONSTRUCTION EQUIPMENT

1202 SIMS SENNEBOGEN 835 835.0.2356 - REAR AXLE



**Sample No:** VCP442134  
**Oil Type:** MOBIL 75W90  
**Job No:** 1202 SIMS



## SAMPLE INFORMATION

Sample Number	VCP442134	VCP381083	---	---
Sample Date	28 Oct 2023	17 Dec 2022	---	---
Machine Hours	10201	8559	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

## VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD  
SACRAMENTO, CA  
US 95826

Contact: RAY KRANZUSCH  
ray.kranzusch@vcesvolvo.com

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## OIL CONDITION

Visc @ 40°C	cSt	█ 123	█ 108	---	---
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## CONTAMINATION

Silicon	ppm	█ 2	█ 4	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ <1	█ <1	---	---



## WEAR METALS

Iron	ppm	█ 14	█ 28	---	---
Copper	ppm	█ 20	▲ 58	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ 0	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	31	█ 28	---	---
Magnesium	ppm	8	█ 1	---	---
Zinc	ppm	█ 51	█ 34	---	---
Phosphorus	ppm	904	█ 1384	---	---
Barium	ppm	█ 2	█ 0	---	---
Boron	ppm	█ 161	█ 305	---	---

## 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.

**Depot:** VOLVO4485  
**Unique No:** 10736959  
**Signed:** Wes Davis  
**Report Date:** 10 Nov 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

