



# CONSTRUCTION EQUIPMENT

SPM689631 ALTER ROCK SENNEBOGEN 835ME 835.0.3333 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP443803  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM689631 ALTER ROCK



## SAMPLE INFORMATION

Sample Number	VCP443803	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	344	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
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## OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 183	---	---	---
Copper	ppm	█ 162	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 23	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 115	---	---	---
Phosphorus	ppm	█ 1209	---	---	---
Barium	ppm	█ 293	---	---	---
Boron	ppm	█ 3	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible yellow metal present. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8885  
**Unique No:** 11017749  
**Signed:** Don Baldrige  
**Report Date:** 09 May 2024



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## GRAPHS

