



# CONSTRUCTION EQUIPMENT

SPM593872 ALTER ROCK SENNEBOGEN 835ME 835.0.2938 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP400503  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM593872 ALTER ROCK



## SAMPLE INFORMATION

Sample Number	VCP400503	---	---	---
Sample Date	10 Aug 2023	---	---	---
Machine Hours	3684	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD

OTTAWA, IL

US 61350

Contact: ALEX MARCO

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## OIL CONDITION

Visc @ 40°C	cSt	█ 146	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 77	---	---	---
Copper	ppm	▲ 138	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 5	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 109	---	---	---
Phosphorus	ppm	█ 2008	---	---	---
Barium	ppm	█ 35	---	---	---
Boron	ppm	█ 159	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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:** VOLVO5055

**Unique No:** 10609005

**Signed:** Sean Felton

**Report Date:** 21 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

