



# CONSTRUCTION EQUIPMENT

SWA270552 ALTER S BE SENNEBOGEN 840E 840.0.2350 - FRONT AXLE



**Sample No:** VCP419333  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SWA270552 ALTER S BE



## SAMPLE INFORMATION

Sample Number	VCP419333	VCP399536	---	---
Sample Date	30 May 2023	13 Feb 2023	---	---
Machine Hours	1950	1084	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**ALTA CONSTRUCTION EQUIPMENT**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 193	█ 154	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 15	█ 1	---	---
Sodium	ppm	█ 2	█ 0	---	---
Potassium	ppm	█ 0	█ 0	---	---

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



## ADDITIVES

Calcium	ppm	█ 2580	█ 3	---	---
Magnesium	ppm	█ 24	█ 3	---	---
Zinc	ppm	█ 1148	█ 15	---	---
Phosphorus	ppm	█ 944	█ 1660	---	---
Barium	ppm	█ 0	█ 67	---	---
Boron	ppm	█ 15	█ 152	---	---

**Depot:** VOLVO5055  
**Unique No:** 10499203  
**Signed:** Sean Felton  
**Report Date:** 07 Jun 2023



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## GRAPHS

