



# CONSTRUCTION EQUIPMENT

## SPM634237 MIDWEST IN SENNEBOGEN 825M 825.0.3853 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP429076  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM634237 MIDWEST IN



### SAMPLE INFORMATION

Sample Number	<b>VCP429076</b>	VCP420181	---	---
Sample Date	<b>10 Nov 2023</b>	25 Jul 2023	---	---
Machine Hours	<b>1073</b>	636	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Changed</b>	Not Chngd	---	---
Sample Status	<b>ATTENTION</b>	ATTENTION	---	---

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 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>▲ 64.2</b>	▲ 65.0	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>■ 6</b>	■ 5	---	---
Sodium	ppm	<b>■ 23</b>	■ 19	---	---
Potassium	ppm	<b>■ 2</b>	■ 0	---	---

### Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



### WEAR METALS

Iron	ppm	<b>■ 47</b>	■ 21	---	---
Copper	ppm	<b>■ 28</b>	■ 16	---	---
Lead	ppm	<b>■ 0</b>	■ <1	---	---
Tin	ppm	<b>■ 0</b>	■ 0	---	---
Aluminum	ppm	<b>■ 2</b>	■ 2	---	---
Chromium	ppm	<b>■ &lt;1</b>	■ <1	---	---
Molybdenum	ppm	<b>■ &lt;1</b>	■ 0	---	---
Nickel	ppm	<b>■ &lt;1</b>	■ 0	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>■ &lt;1</b>	■ <1	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<b>■ 4108</b>	■ 3339	---	---
Magnesium	ppm	<b>■ 11</b>	■ 12	---	---
Zinc	ppm	<b>■ 1668</b>	■ 1375	---	---
Phosphorus	ppm	<b>■ 1336</b>	■ 1088	---	---
Barium	ppm	<b>■ 3</b>	■ 0	---	---
Boron	ppm	<b>■ 132</b>	■ 108	---	---

**Depot:** VOLVO8885  
**Unique No:** 10767297  
**Signed:** Sean Felton  
**Report Date:** 05 Dec 2023



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## GRAPHS

