



# CONSTRUCTION EQUIPMENT

SPM702747 MIDWEST IN SENNEBOGEN 825M 825.0.3853 - REAR AXLE



**Sample No:** VCP446118  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM702747 MIDWEST IN



## SAMPLE INFORMATION

Sample Number	<b>VCP446118</b>	VCP429082	VCP420054	---
Sample Date	<b>29 Apr 2024</b>	10 Nov 2023	25 Jul 2023	---
Machine Hours	<b>1073</b>	1073	636	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	ATTENTION	ATTENTION	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>143</b>	64.5	64.6	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>&lt;1</b>	7	7	---
Sodium	ppm	<b>&lt;1</b>	16	16	---
Potassium	ppm	<b>0</b>	2	<1	---

## 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	<b>6</b>	20	9	---
Copper	ppm	<b>0</b>	7	4	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>0</b>	2	0	---
Chromium	ppm	<b>0</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	2	2	---
Vanadium	ppm	<b>0</b>	0	<1	---



## ADDITIVES

Calcium	ppm	<b>20</b>	3587	3106	---
Magnesium	ppm	<b>2</b>	10	13	---
Zinc	ppm	<b>6</b>	1436	1270	---
Phosphorus	ppm	<b>473</b>	1165	1003	---
Barium	ppm	<b>0</b>	3	0	---
Boron	ppm	<b>0</b>	119	107	---

**Depot:** VOLVO8885  
**Unique No:** 11030502  
**Signed:** Wes Davis  
**Report Date:** 15 May 2024



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## GRAPHS

