



# CONSTRUCTION EQUIPMENT

SPM731355 SENNEBOGEN 835ME 835.0.2266 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP443706  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM731355



## SAMPLE INFORMATION

Sample Number	<b>VCP443706</b>	VCP422991	VCP422831	---
Sample Date	<b>08 Jul 2024</b>	11 Aug 2023	09 May 2023	---
Machine Hours	<b>21313</b>	19533	19009	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

## SIMS METAL MANAGEMENT

2500 S. PAULINA  
CHICAGO, IL  
US 60608

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T:  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>135</b>	137	141	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>6</b>	16	9	---
Sodium	ppm	<b>0</b>	0	0	---
Potassium	ppm	<b>1</b>	<1	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>68</b>	273	124	---
Copper	ppm	<b>22</b>	29	26	---
Lead	ppm	<b>&lt;1</b>	<1	<1	---
Tin	ppm	<b>&lt;1</b>	0	<1	---
Aluminum	ppm	<b>2</b>	<1	0	---
Chromium	ppm	<b>&lt;1</b>	2	<1	---
Molybdenum	ppm	<b>1</b>	2	2	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>&lt;1</b>	0	<1	---
Manganese	ppm	<b>2</b>	4	2	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>264</b>	639	551	---
Magnesium	ppm	<b>10</b>	16	14	---
Zinc	ppm	<b>180</b>	287	295	---
Phosphorus	ppm	<b>430</b>	558	518	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>18</b>	44	35	---

**Depot:** SIMCHIL  
**Unique No:** 11129512  
**Signed:** Wes Davis  
**Report Date:** 19 Jul 2024



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## VOLVO GRAPHS

