



# CONSTRUCTION EQUIPMENT

## SPM567475 SENNEBOGEN 835ME 835.0.2902 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP423180  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM567475



### SAMPLE INFORMATION

Sample Number	<b>VCP423180</b>	VCP383166	VCP333252	---
Sample Date	<b>26 Jun 2023</b>	19 Apr 2023	11 Feb 2022	---
Machine Hours	<b>3988</b>	3469	540	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	---

### SIMS METAL MANAGEMENT

2500 S. PAULINA  
 CHICAGO, IL  
 US 60608  
 Contact: RYAN WISE  
 ryan.wise@simsmm.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>184</b>	185	186	---
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### CONTAMINATION

Silicon	ppm	<b>5</b>	4	3	---
Sodium	ppm	<b>5</b>	5	4	---
Potassium	ppm	<b>0</b>	0	0	---

### Diagnosis

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.



### WEAR METALS

Iron	ppm	<b>175</b>	136	75	---
Copper	ppm	<b>▲ 139</b>	▲ 119	22	---
Lead	ppm	<b>&lt;1</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>3</b>	3	<1	---
Chromium	ppm	<b>1</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	0	---
Nickel	ppm	<b>&lt;1</b>	<1	0	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>0</b>	0	1	---
Manganese	ppm	<b>6</b>	6	2	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>6</b>	19	10	---
Magnesium	ppm	<b>4</b>	0	<1	---
Zinc	ppm	<b>100</b>	82	19	---
Phosphorus	ppm	<b>1126</b>	1143	1180	---
Barium	ppm	<b>370</b>	354	362	---
Boron	ppm	<b>0</b>	<1	0	---

**Depot:** SIMCHIL  
**Unique No:** 10548889  
**Signed:** Don Baldrige  
**Report Date:** 11 Jul 2023



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## GRAPHS

