



# CONSTRUCTION EQUIPMENT

## SPM566282 SENNEBOGEN 835ME 835.0.2518 - LEFT SWING DRIVE



**Sample No:** VCP418510  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM566282



### SAMPLE INFORMATION

Sample Number	<b>VCP418510</b>	VCP404930	VCP377232	---
Sample Date	<b>20 Jun 2023</b>	20 Mar 2023	20 May 2022	---
Machine Hours	<b>9340</b>	8821	7229	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	SEVERE	---

### 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>211</b>	200	199	---
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### CONTAMINATION

Water	%	---	▲ 0.414	● 1.73	---
Silicon	ppm	<b>20</b>	28	22	---
Sodium	ppm	<b>&lt;1</b>	<1	<1	---
Potassium	ppm	<b>0</b>	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	<b>167</b>	212	473	---
Copper	ppm	<b>152</b>	▲ 221	160	---
Lead	ppm	<b>0</b>	0	1	---
Tin	ppm	<b>4</b>	▲ 14	15	---
Aluminum	ppm	<b>&lt;1</b>	2	3	---
Chromium	ppm	<b>1</b>	2	4	---
Molybdenum	ppm	<b>&lt;1</b>	2	2	---
Nickel	ppm	<b>0</b>	<1	1	---
Titanium	ppm	<b>&lt;1</b>	0	<1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>2</b>	3	6	---
Vanadium	ppm	<b>0</b>	0	0	---

### ADDITIVES

Calcium	ppm	<b>332</b>	2094	1735	---
Magnesium	ppm	<b>7</b>	26	17	---
Zinc	ppm	<b>222</b>	904	765	---
Phosphorus	ppm	<b>510</b>	813	771	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>0</b>	11	27	---

**Depot:** SIMCHIL  
**Unique No:** 10548922  
**Signed:** Don Baldrige  
**Report Date:** 11 Jul 2023



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## GRAPHS

