



# CONSTRUCTION EQUIPMENT

## SPM606655 SENNEBOGEN 835ME 835.0.2500 - LEFT SWING DRIVE



**Sample No:** VCP415226  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM606655



### SAMPLE INFORMATION

Sample Number	<b>VCP415226</b>	VCP401855	VCP399640	VCP349239
Sample Date	<b>12 Sep 2023</b>	20 Mar 2023	05 Jan 2023	10 Feb 2022
Machine Hours	<b>9698</b>	8469	7934	6910
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>ABNORMAL</b>	ABNORMAL	SEVERE	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>229</b>	227	201	198
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### CONTAMINATION

Water	%	<b>0.072</b>	0.129	---	---
Silicon	ppm	<b>7</b>	3	26	18
Sodium	ppm	<b>0</b>	<1	0	1
Potassium	ppm	<b>1</b>	0	0	0

### Diagnosis

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. 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>461</b>	28	126	271
Copper	ppm	<b>55</b>	5	595	417
Lead	ppm	<b>0</b>	0	11	<1
Tin	ppm	<b>4</b>	<1	13	25
Aluminum	ppm	<b>2</b>	<1	<1	2
Chromium	ppm	<b>4</b>	0	2	2
Molybdenum	ppm	<b>&lt;1</b>	0	2	1
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	<1	1	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>106</b>	42	1943	1888
Magnesium	ppm	<b>2</b>	0	19	25
Zinc	ppm	<b>99</b>	24	870	748
Phosphorus	ppm	<b>405</b>	383	735	705
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>13</b>	9	5	8

**Depot:** SIMCHIL  
**Unique No:** 10658460  
**Signed:** Angela Borella  
**Report Date:** 22 Sep 2023



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## GRAPHS

