



# CONSTRUCTION EQUIPMENT

## SPM606655 SENNEBOGEN 835ME 835.0.2500 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP415231  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM606655



### SAMPLE INFORMATION

Sample Number	<b>VCP415231</b>	VCP401858	VCP399730	VCP349238
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>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SIMS METAL MANAGEMENT

2500 S. PAULINA  
 CHICAGO, IL  
 US 60608

Contact: RYAN WISE  
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 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>190</b>	191	152	146
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### CONTAMINATION

Silicon	ppm	<b>24</b>	23	3	2
Sodium	ppm	<b>0</b>	<1	0	0
Potassium	ppm	<b>1</b>	0	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>223</b>	169	39	39
Copper	ppm	<b>15</b>	11	31	23
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>3</b>	2	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	0
Molybdenum	ppm	<b>2</b>	2	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	3	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>2008</b>	1886	323	104
Magnesium	ppm	<b>18</b>	20	4	3
Zinc	ppm	<b>901</b>	837	159	47
Phosphorus	ppm	<b>782</b>	748	411	468
Barium	ppm	<b>0</b>	1	0	0
Boron	ppm	<b>17</b>	18	32	33

**Depot:** SIMCHIL  
**Unique No:** 10658487  
**Signed:** Don Baldrige  
**Report Date:** 22 Sep 2023



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## GRAPHS

