



# CONSTRUCTION EQUIPMENT

## SPM581201 SENNEBOGEN 835ME 835.0.2266 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP422974  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM581201



### SAMPLE INFORMATION

Sample Number	<b>VCP422974</b>	VCP422521	VCP383171	VCP342004
Sample Date	<b>11 Aug 2023</b>	09 May 2023	28 Feb 2023	04 Nov 2021
Machine Hours	<b>19533</b>	19009	18581	16353
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	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>191</b>	190	138	189
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### CONTAMINATION

Silicon	ppm	<b>24</b>	23	12	17
Sodium	ppm	<b>0</b>	0	0	<1
Potassium	ppm	<b>&lt;1</b>	1	<1	7

### 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>122</b>	85	208	84
Copper	ppm	<b>4</b>	3	24	4
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>1</b>	<1	2	<1
Chromium	ppm	<b>&lt;1</b>	<1	1	<1
Molybdenum	ppm	<b>3</b>	2	2	2
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>&lt;1</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>2</b>	1	3	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>2984</b>	2774	296	1670
Magnesium	ppm	<b>45</b>	46	12	14
Zinc	ppm	<b>1114</b>	1016	170	704
Phosphorus	ppm	<b>907</b>	842	459	639
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>12</b>	10	42	18

**Depot:** SIMCHIL  
**Unique No:** 10616419  
**Signed:** Don Baldrige  
**Report Date:** 23 Aug 2023



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## VOLVO GRAPHS

