



# CONSTRUCTION EQUIPMENT

SPM731355 SENNEBOGEN 835ME 835.0.2266 - RIGHT SWING DRIVE



**Sample No:** VCP436314  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM731355



## SAMPLE INFORMATION

Sample Number	<b>VCP436314</b>	VCP422977	VCP422524	---
Sample Date	<b>08 Jul 2024</b>	11 Aug 2023	09 May 2023	---
Machine Hours	<b>21313</b>	19533	19009	---
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

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T:  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>157</b>	196	195	---
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## CONTAMINATION

Water	%	<b>NEG</b>	▲ 0.221	NEG	---
Silicon	ppm	<b>13</b>	28	24	---
Sodium	ppm	<b>0</b>	0	0	---
Potassium	ppm	<b>2</b>	1	1	---

### 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>128</b>	108	46	---
Copper	ppm	<b>▲ 213</b>	▲ 206	115	---
Lead	ppm	<b>17</b>	19	9	---
Tin	ppm	<b>9</b>	10	4	---
Aluminum	ppm	<b>2</b>	1	<1	---
Chromium	ppm	<b>2</b>	1	<1	---
Molybdenum	ppm	<b>2</b>	3	2	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>&lt;1</b>	0	0	---
Manganese	ppm	<b>1</b>	1	<1	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>1457</b>	3315	2930	---
Magnesium	ppm	<b>34</b>	44	45	---
Zinc	ppm	<b>529</b>	1141	1076	---
Phosphorus	ppm	<b>765</b>	1015	872	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>8</b>	23	10	---

**Depot:** SIMCHIL  
**Unique No:** 11129508  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2024



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## VOLVO GRAPHS

