

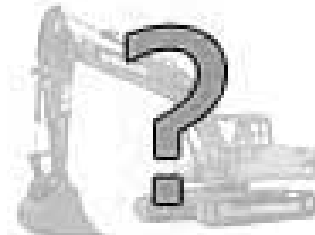


# CONSTRUCTION EQUIPMENT

SPM731355 SENNEBOGEN 835ME 835.0.2266 - FRONT AXLE



**Sample No:** VCP443710  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM731355



## SAMPLE INFORMATION

Sample Number	<b>VCP443710</b>	VCP422982	VCP422520	---
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>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	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>177</b>	181	180	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>16</b>	26	16	---
Sodium	ppm	<b>0</b>	2	0	---
Potassium	ppm	<b>2</b>	<1	1	---

## 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>38</b>	56	29	---
Copper	ppm	<b>21</b>	23	15	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	1	<1	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>2</b>	2	2	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>&lt;1</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	1	<1	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>1520</b>	2411	1602	---
Magnesium	ppm	<b>11</b>	18	12	---
Zinc	ppm	<b>700</b>	1100	739	---
Phosphorus	ppm	<b>751</b>	1018	681	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>20</b>	28	17	---

**Depot:** SIMCHIL  
**Unique No:** 11129513  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

