



# CONSTRUCTION EQUIPMENT

SPM731355 SENNEBOGEN 835ME 835.0.2266 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP443836  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM731355



## SAMPLE INFORMATION

Sample Number	<b>VCP443836</b>	VCP422519	VCP396417	---
Sample Date	<b>08 Jul 2024</b>	09 May 2023	20 Feb 2023	---
Machine Hours	<b>21313</b>	19009	18581	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

## SIMS METAL MANAGEMENT

2500 S. PAULINA  
CHICAGO, IL  
US 60608

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T:  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>153</b>	188	187	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>12</b>	21	21	---
Sodium	ppm	<b>0</b>	0	<1	---
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>107</b>	83	212	---
Copper	ppm	<b>13</b>	6	17	---
Lead	ppm	<b>&lt;1</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>2</b>	<1	2	---
Chromium	ppm	<b>&lt;1</b>	<1	1	---
Molybdenum	ppm	<b>2</b>	3	2	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	<1	---
Silver	ppm	<b>&lt;1</b>	0	<1	---
Manganese	ppm	<b>2</b>	1	4	---
Vanadium	ppm	<b>&lt;1</b>	0	<1	---



## ADDITIVES

Calcium	ppm	<b>1106</b>	2621	1750	---
Magnesium	ppm	<b>28</b>	54	18	---
Zinc	ppm	<b>440</b>	994	865	---
Phosphorus	ppm	<b>670</b>	819	755	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>6</b>	11	24	---

**Depot:** SIMCHIL  
**Unique No:** 11129509  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2024



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## GRAPHS

