



# CONSTRUCTION EQUIPMENT

SPM688847 SENNEBOGEN 835ME 835.0.2078 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP426426  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM688847



## SAMPLE INFORMATION

Sample Number	<b>VCP426426</b>	VCP415049	VCP418594	VCP387189
Sample Date	<b>01 Apr 2024</b>	12 Oct 2023	19 May 2023	02 Mar 2023
Machine Hours	<b>20857</b>	19841	19056	18536
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

## SIMS METAL MANAGEMENT

2500 S. PAULINA  
CHICAGO, IL  
US 60608

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## OIL CONDITION

Visc @ 40°C	cSt	<b>143</b>	137	193	194
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	4	26	28
Sodium	ppm	<b>&lt;1</b>	0	<1	<1
Potassium	ppm	<b>1</b>	0	<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>39</b>	35	76	70
Copper	ppm	<b>19</b>	18	37	37
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>&lt;1</b>	0	<1	<1
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	0	2	2
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>1</b>	<1	1	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>267</b>	274	2235	2259
Magnesium	ppm	<b>0</b>	7	25	23
Zinc	ppm	<b>144</b>	141	977	921
Phosphorus	ppm	<b>598</b>	917	823	801
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>42</b>	162	9	9

**Depot:** SIMCHIL  
**Unique No:** 10990302  
**Signed:** Wes Davis  
**Report Date:** 22 Apr 2024



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## VOLVO GRAPHS

