



# CONSTRUCTION EQUIPMENT

SPM688847 SENNEBOGEN 835ME 835.0.2078 - REAR LEFT FINAL DRIVE



**Sample No:** VCP426478  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM688847



## SAMPLE INFORMATION

Sample Number	<b>VCP426478</b>	VCP425321	VCP418503	VCP387278
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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T:  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>145</b>	138	194	193
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	5	27	28
Sodium	ppm	<b>3</b>	0	<1	<1
Potassium	ppm	<b>2</b>	0	0	<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 fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>57</b>	36	81	68
Copper	ppm	<b>23</b>	18	38	33
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	0	0	<1
Aluminum	ppm	<b>0</b>	0	<1	0
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>368</b>	277	2305	2348
Magnesium	ppm	<b>7</b>	7	25	24
Zinc	ppm	<b>178</b>	142	1015	958
Phosphorus	ppm	<b>633</b>	915	848	819
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>62</b>	163	8	9

**Depot:** SIMCHIL  
**Unique No:** 10990253  
**Signed:** Don Baldrige  
**Report Date:** 23 Apr 2024



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## VOLVO GRAPHS

