



# CONSTRUCTION EQUIPMENT

SPM688692 SENNEBOGEN 835ME 835.0.2542 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP426435  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM688692



## SAMPLE INFORMATION

Sample Number	<b>VCP426435</b>	VCP404742	VCP345154	VCP357082
Sample Date	<b>01 Apr 2024</b>	04 Apr 2023	06 Jul 2022	07 Apr 2022
Machine Hours	<b>9624</b>	7921	6511	5944
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	ABNORMAL	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>136</b>	196	184	185
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## CONTAMINATION

Water	%	NEG	▲ 0.547	NEG	NEG
Silicon	ppm	<b>2</b>	50	11	15
Sodium	ppm	<b>2</b>	2	0	<1
Potassium	ppm	<b>1</b>	0	0	0

## 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>14</b>	145	195	223
Copper	ppm	<b>6</b>	21	14	13
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	<1	0	<1
Aluminum	ppm	<b>0</b>	1	2	2
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>1</b>	3	1	2
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	2	3	3
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>210</b>	3533	1458	1819
Magnesium	ppm	<b>15</b>	44	9	14
Zinc	ppm	<b>86</b>	1075	630	783
Phosphorus	ppm	<b>1034</b>	965	582	759
Barium	ppm	<b>0</b>	0	12	5
Boron	ppm	<b>212</b>	16	9	23

**Depot:** SIMCHIL  
**Unique No:** 10990244  
**Signed:** Wes Davis  
**Report Date:** 22 Apr 2024



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## VOLVO GRAPHS

