



# CONSTRUCTION EQUIPMENT

SPM688692 SENNEBOGEN 835ME 835.0.2542 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP426437  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM688692



## SAMPLE INFORMATION

Sample Number	<b>VCP426437</b>	VCP404739	VCP353602	VCP361089
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>	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>196</b>	120	111	110
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>21</b>	16	7	9
Sodium	ppm	<b>2</b>	<1	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>107</b>	108	76	69
Copper	ppm	<b>42</b>	16	10	7
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>&lt;1</b>	0	<1	<1
Aluminum	ppm	<b>1</b>	0	1	1
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>1</b>	4	4	3
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>3</b>	2	1	1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>2126</b>	2273	2212	2208
Magnesium	ppm	<b>42</b>	42	37	40
Zinc	ppm	<b>1001</b>	1147	1151	1153
Phosphorus	ppm	<b>861</b>	942	930	991
Barium	ppm	<b>11</b>	0	5	0
Boron	ppm	<b>9</b>	9	0	11

**Depot:** SIMCHIL  
**Unique No:** 10990263  
**Signed:** Don Baldrige  
**Report Date:** 23 Apr 2024



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## VOLVO GRAPHS

