

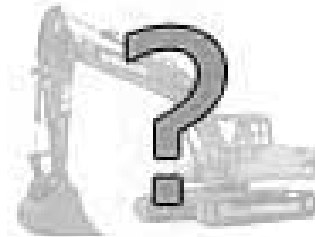


# CONSTRUCTION EQUIPMENT

SPM688847 SENNEBOGEN 835ME 835.0.2078 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP425261  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM688847



## SAMPLE INFORMATION

Sample Number	<b>VCP425261</b>	VCP415055	VCP418504	VCP387357
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>	ABNORMAL	NORMAL	NORMAL

### SIMS METAL MANAGEMENT

2500 S. PAULINA  
CHICAGO, IL  
US 60608  
Contact: RYAN WISE  
ryan.wise@simsmm.com  
T:  
F:

## OIL CONDITION

Visc @ 40°C	cSt	<b>149</b>	158	189	191
-------------	-----	------------	-----	-----	-----

## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>64</b>	▲ 107	57	45
Sodium	ppm	<b>5</b>	6	4	2
Potassium	ppm	<b>9</b>	12	6	5

### 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>492</b>	▲ 626	476	394
Copper	ppm	<b>29</b>	50	23	14
Lead	ppm	<b>0</b>	2	0	1
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>13</b>	● 25	10	5
Chromium	ppm	<b>6</b>	4	3	3
Molybdenum	ppm	<b>1</b>	0	1	2
Nickel	ppm	<b>0</b>	2	<1	0
Titanium	ppm	<b>2</b>	4	2	2
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>7</b>	9	6	5
Vanadium	ppm	<b>0</b>	<1	0	0

## ADDITIVES

Calcium	ppm	<b>610</b>	879	1989	1987
Magnesium	ppm	<b>61</b>	95	47	33
Zinc	ppm	<b>282</b>	384	860	798
Phosphorus	ppm	<b>730</b>	1049	896	865
Barium	ppm	<b>0</b>	1	0	0
Boron	ppm	<b>58</b>	155	33	29

**Depot:** SIMCHIL  
**Unique No:** 10990315  
**Signed:** Sean Felton  
**Report Date:** 24 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

