



# CONSTRUCTION EQUIPMENT

## SPM567475 SENNEBOGEN 835ME 835.0.2902 - RIGHT SWING DRIVE



**Sample No:** VCP423176

**Oil Type:** SHELL 220

**Job No:** SPM567475



### SAMPLE INFORMATION

Sample Number	<b>VCP423176</b>	VCP05839576	VCP358669	---
Sample Date	<b>26 Jun 2023</b>	19 Apr 2023	05 May 2022	---
Machine Hours	<b>3988</b>	3469	1073	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	ABNORMAL	---



### SIMS METAL MANAGEMENT

2500 S. PAULINA  
CHICAGO, IL  
US 60608  
Contact: RYAN WISE  
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T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>210</b>	174	201	---
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### CONTAMINATION

Silicon	ppm	<b>22</b>	13	4	---
Sodium	ppm	<b>&lt;1</b>	2	2	---
Potassium	ppm	<b>0</b>	<1	0	---



### WEAR METALS

Iron	ppm	<b>147</b>	477	535	---
Copper	ppm	<b>161</b>	421	81	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>7</b>	24	9	---
Aluminum	ppm	<b>&lt;1</b>	2	2	---
Chromium	ppm	<b>&lt;1</b>	3	4	---
Molybdenum	ppm	<b>&lt;1</b>	2	<1	---
Nickel	ppm	<b>0</b>	1	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	5	6	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>287</b>	1739	6	---
Magnesium	ppm	<b>7</b>	23	0	---
Zinc	ppm	<b>162</b>	636	97	---
Phosphorus	ppm	<b>505</b>	714	432	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>2</b>	24	22	---

### 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.

**Depot:** SIMCHIL  
**Unique No:** 10548878  
**Signed:** Wes Davis  
**Report Date:** 10 Jul 2023



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## GRAPHS

