



# CONSTRUCTION EQUIPMENT

## SPM607452 SENNEBOGEN 835ME 835.0.2902 - RIGHT SWING DRIVE



**Sample No:** VCP409233  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM607452



### SAMPLE INFORMATION

Sample Number	<b>VCP409233</b>	VCP423176	VCP05839576	VCP358669
Sample Date	<b>28 Sep 2023</b>	26 Jun 2023	19 Apr 2023	05 May 2022
Machine Hours	<b>4557</b>	3988	3469	1073
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>MARGINAL</b>	NORMAL	ABNORMAL	ABNORMAL

### 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>209</b>	210	174	201
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### CONTAMINATION

Water	%	<b>▲ 0.253</b>	---	---	---
Silicon	ppm	<b>15</b>	22	13	4
Sodium	ppm	<b>&lt;1</b>	<1	2	2
Potassium	ppm	<b>&lt;1</b>	0	<1	0

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>148</b>	147	▲ 477	▲ 535
Copper	ppm	<b>167</b>	161	▲ 421	81
Lead	ppm	<b>1</b>	0	0	0
Tin	ppm	<b>7</b>	7	▲ 24	9
Aluminum	ppm	<b>&lt;1</b>	<1	2	2
Chromium	ppm	<b>&lt;1</b>	<1	3	4
Molybdenum	ppm	<b>0</b>	<1	2	<1
Nickel	ppm	<b>0</b>	0	1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	5	6
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>173</b>	287	1739	6
Magnesium	ppm	<b>3</b>	7	23	0
Zinc	ppm	<b>123</b>	162	636	97
Phosphorus	ppm	<b>475</b>	505	714	432
Barium	ppm	<b>0</b>	<1	0	0
Boron	ppm	<b>2</b>	2	24	22

**Depot:** SIMCHIL  
**Unique No:** 10686342  
**Signed:** Don Baldrige  
**Report Date:** 12 Oct 2023



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## GRAPHS

