



# CONSTRUCTION EQUIPMENT

## SPM645920 SENNEBOGEN 835ME 835.0.2902 - LEFT SWING DRIVE



**Sample No:** VCP422963  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM645920



### SAMPLE INFORMATION

Sample Number	<b>VCP422963</b>	VCP409231	VCP423175	VCP383261
Sample Date	<b>29 Nov 2023</b>	28 Sep 2023	26 Jun 2023	19 Apr 2023
Machine Hours	<b>5105</b>	4557	3988	3469
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	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>194</b>	210	221	190
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### CONTAMINATION

Water	%	<b>NEG</b>	0.197	NEG	NEG
Silicon	ppm	<b>13</b>	17	18	19
Sodium	ppm	<b>1</b>	<1	<1	1
Potassium	ppm	<b>&lt;1</b>	1	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>80</b>	159	67	223
Copper	ppm	<b>122</b>	▲ 171	56	▲ 232
Lead	ppm	<b>&lt;1</b>	1	0	0
Tin	ppm	<b>6</b>	8	3	▲ 15
Aluminum	ppm	<b>&lt;1</b>	<1	<1	2
Chromium	ppm	<b>&lt;1</b>	<1	<1	2
Molybdenum	ppm	<b>1</b>	0	0	3
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	2	<1	3
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>2062</b>	267	156	2658
Magnesium	ppm	<b>22</b>	4	5	34
Zinc	ppm	<b>823</b>	151	86	949
Phosphorus	ppm	<b>820</b>	498	373	868
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>5</b>	4	0	16

**Depot:** SIMCHIL  
**Unique No:** 10793387  
**Signed:** Jonathan Hester  
**Report Date:** 20 Dec 2023



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## GRAPHS

