



# CONSTRUCTION EQUIPMENT

## SPM566233 SENNEBOGEN 835ME 835.0.2859 - LEFT SWING DRIVE



**Sample No:** VCP423160

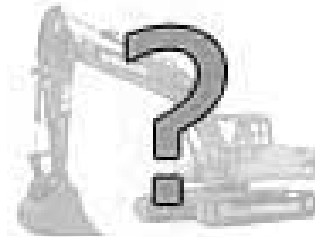
**Oil Type:** SHELL 220

**Job No:** SPM566233



### SAMPLE INFORMATION

Sample Number	<b>VCP423160</b>	VCP404162	VCP390835	VCP379234
Sample Date	<b>13 Jun 2023</b>	06 Apr 2023	12 Oct 2022	16 Jun 2022
Machine Hours	<b>4333</b>	3781	2517	1647
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Changed	Not Changd
Sample Status	<b>NORMAL</b>	ABNORMAL	ABNORMAL	NORMAL



### OIL CONDITION

Visc @ 40°C	cSt	<b>194</b>	196	181	193
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### SIMS METAL MANAGEMENT

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



### CONTAMINATION

Water	%	---	---	▲ 0.486	---
Silicon	ppm	<b>26</b>	20	10	5
Sodium	ppm	<b>&lt;1</b>	1	0	0
Potassium	ppm	<b>0</b>	0	0	<1

### 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>34</b>	220	▲ 410	171
Copper	ppm	<b>87</b>	▲ 258	▲ 368	68
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>5</b>	▲ 24	▲ 36	5
Aluminum	ppm	<b>&lt;1</b>	1	2	<1
Chromium	ppm	<b>&lt;1</b>	1	3	1
Molybdenum	ppm	<b>3</b>	2	3	1
Nickel	ppm	<b>0</b>	<1	1	0
Titanium	ppm	<b>&lt;1</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	2	4	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3010</b>	2976	2498	1086
Magnesium	ppm	<b>74</b>	36	31	13
Zinc	ppm	<b>1076</b>	998	828	415
Phosphorus	ppm	<b>887</b>	878	840	534
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>3</b>	7	20	25

**Depot:** SIMCHIL  
**Unique No:** 10548894  
**Signed:** Wes Davis  
**Report Date:** 10 Jul 2023



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## VOLVO GRAPHS

