



# CONSTRUCTION EQUIPMENT

SPM688436 SENNEBOGEN 835ME 835.0.3070 - RIGHT SWING DRIVE



**Sample No:** VCP427253  
**Oil Type:** SHELL OMALA 220  
**Job No:** SPM688436



## SAMPLE INFORMATION

Sample Number	<b>VCP427253</b>	VCP411397	VCP402107	---
Sample Date	<b>22 Mar 2024</b>	11 Aug 2023	20 Mar 2023	---
Machine Hours	<b>3312</b>	2080	1076	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

### BELSON STEEL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>197</b>	211	211	---
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## CONTAMINATION

Water	%	<b>NEG</b>	▲ 0.424	NEG	---
Silicon	ppm	<b>21</b>	4	6	---
Sodium	ppm	<b>&lt;1</b>	3	1	---
Potassium	ppm	<b>0</b>	1	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>102</b>	379	293	---
Copper	ppm	<b>43</b>	48	44	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>0</b>	5	4	---
Aluminum	ppm	<b>1</b>	0	<1	---
Chromium	ppm	<b>0</b>	2	2	---
Molybdenum	ppm	<b>2</b>	<1	0	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	3	3	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>2252</b>	7	7	---
Magnesium	ppm	<b>24</b>	0	<1	---
Zinc	ppm	<b>1002</b>	76	41	---
Phosphorus	ppm	<b>870</b>	381	442	---
Barium	ppm	<b>2</b>	0	1	---
Boron	ppm	<b>8</b>	11	15	---

**Depot:** BELBOU  
**Unique No:** 10990326  
**Signed:** Sean Felton  
**Report Date:** 24 Apr 2024



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## GRAPHS

