

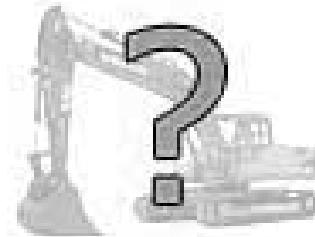


# CONSTRUCTION EQUIPMENT

## SPM633653 SENNEBGEN 835ME 835.0.2845 - LEFT SWING DRIVE



**Sample No:** VCP433297  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM633653



### SAMPLE INFORMATION

Sample Number	<b>VCP433297</b>	VCP406640	VCP400513	VCP378908
Sample Date	<b>10 Nov 2023</b>	04 Aug 2023	22 Mar 2023	23 May 2022
Machine Hours	<b>6152</b>	5542	4535	2518
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>ABNORMAL</b>	ABNORMAL	ABNORMAL	ABNORMAL

**BELSON STEEL**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>227</b>	224	218	208
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### CONTAMINATION

Water	%	<b>0.726</b>	NEG	NEG	NEG
Silicon	ppm	<b>18</b>	17	23	5
Sodium	ppm	<b>3</b>	0	<1	<1
Potassium	ppm	<b>4</b>	<1	1	2

### Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>520</b>	403	453	793
Copper	ppm	<b>96</b>	60	91	126
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>13</b>	8	9	12
Aluminum	ppm	<b>0</b>	<1	<1	<1
Chromium	ppm	<b>4</b>	3	4	5
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	4	4	7
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>35</b>	45	88	229
Magnesium	ppm	<b>0</b>	<1	1	3
Zinc	ppm	<b>65</b>	71	82	158
Phosphorus	ppm	<b>405</b>	363	478	406
Barium	ppm	<b>0</b>	1	0	0
Boron	ppm	<b>4</b>	2	5	20

**Depot:** BELBOU  
**Unique No:** 10777960  
**Signed:** Jonathan Hester  
**Report Date:** 11 Dec 2023



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## GRAPHS

