



# CONSTRUCTION EQUIPMENT

SPM621371 SENNEBOGEN 835M 835.0.3000 - LEFT SWING DRIVE



**Sample No:** VCP433708  
**Oil Type:** MOBIL SHC 630  
**Job No:** SPM621371



## SAMPLE INFORMATION

Sample Number	<b>VCP433708</b>	VCP399741	VCP353606	---
Sample Date	<b>26 Oct 2023</b>	21 Mar 2023	06 Jul 2022	---
Machine Hours	<b>4088</b>	2502	545	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Chngd	N/A	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	---

**BELSON STEEL**  
1685 N STATE RTE 50  
BOURBONNAIS, IL  
US 60914  
Contact: M. POZAN  
mpozan@belsonsteel.com  
T: (815)932-7416  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>211</b>	200	205	---
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## CONTAMINATION

Water	%	<b>0.320</b>	0.093	---	---
Silicon	ppm	<b>23</b>	19	3	---
Sodium	ppm	<b>&lt;1</b>	0	2	---
Potassium	ppm	<b>0</b>	1	2	---

## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other 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>396</b>	193	291	---
Copper	ppm	<b>223</b>	187	22	---
Lead	ppm	<b>1</b>	0	<1	---
Tin	ppm	<b>14</b>	8	2	---
Aluminum	ppm	<b>0</b>	<1	1	---
Chromium	ppm	<b>2</b>	1	1	---
Molybdenum	ppm	<b>0</b>	<1	0	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>3</b>	2	3	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>485</b>	630	13	---
Magnesium	ppm	<b>0</b>	5	<1	---
Zinc	ppm	<b>201</b>	330	65	---
Phosphorus	ppm	<b>465</b>	623	425	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>7</b>	4	15	---

**Depot:** BELBOU  
**Unique No:** 10726652  
**Signed:** Don Baldrige  
**Report Date:** 06 Nov 2023



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## GRAPHS

