

CONSTRUCTION EQUIPMENT
SPM688436 SENNEBOGEN 835ME 835.0.3070 - LEFT SWING DRIVE

Sample No: VCP427258

Oil Type: SHELL OMALA 220

Job No: SPM688436

SAMPL	E INFORMATIO	N			
Sample Number		VCP427258	VCP411399	VCP402105	
Sample Date		22 Mar 2024	11 Aug 2023	20 Mar 2023	
Machine Hours		3312	2080	1076	
Oil Hours		0	0	0	
Oil Changed		Not Changd	Changed	Not Changd	
Sample Status		NORMAL	ABNORMAL	MARGINAL	
OIL COM	NDITION				
Visc @ 40°C	cSt	<b>195</b>	■196	<b>1</b> 91	
VOLVO					
	MINATION				
Water	%	NFG	NEG	A ∩ 111	

CONTAMINATION						
Water	%	NEG	NEG	<b>△</b> 0.111		
Silicon	ppm	<b>21</b>	<b>5</b>	<b>5</b>		
Sodium	ppm	<b>2</b>	<b>2</b>	<b> </b> <1		
Potassium	ppm	<b>■&lt;1</b>	<b>-</b> <1	□1		

WEAR I	METALS				
Iron	ppm	<b>107</b>	<b>4</b> 19	■303	
Copper	ppm	<b>43</b>	<b>4</b> 4	■ 29	
Lead	ppm	<b>■</b> <1	< 1	<b></b>	
Tin	ppm	<b>■&lt;1</b>	<b>5</b>	<b>□</b> 3	
Aluminum	ppm	<b>■&lt;1</b>	□0	<b>-</b> <1	
Chromium	ppm	<b>■</b> 0	<b>3</b>	<b>2</b>	
Molybdenum	ppm	<b>1</b>	<1	<b></b>	
Nickel	ppm	<b>■</b> 0	<b>-</b> <1	<b>-</b> <1	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	<b>□</b> 3	4	■3	
Vanadium	ppm	0	0	0	

ADDITIVES					
Calcium	ppm	<b>2184</b>	23	<b>1</b> 3	
Magnesium	ppm	<b>■36</b>	0	<b>-</b> <1	
Zinc	ppm	<b>1002</b>	145	■80	
Phosphorus	ppm	■890	311	■363	
Barium	ppm	<b>11</b>	0	<b>1</b>	
Boron	ppm	■15	9	<b>7</b>	



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

## 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.

Depot: BELBOU **Unique No:** 10990274 Signed: Don Baldridge Report Date: 23 Apr 2024

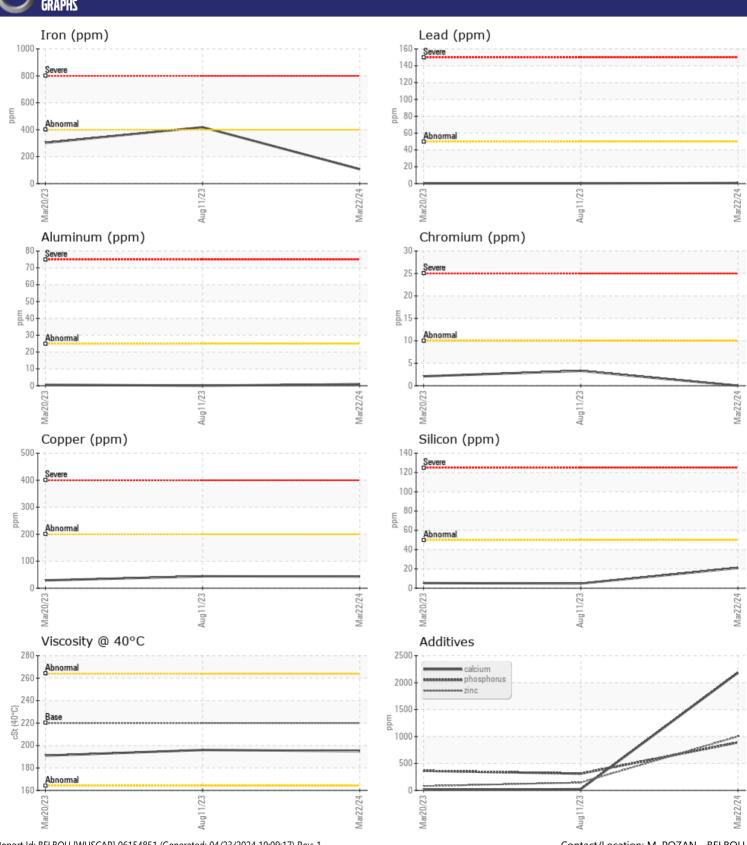
Contact/Location: M. POZAN - BELBOU



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Report Id: BELBOU [WUSCAR] 06154851 (Generated: 04/23/2024 19:09:17) Rev: 1

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