



# CONSTRUCTION EQUIPMENT

## SPM688428 SENNEBOGEN 835M 835.0.3000 - FRONT AXLE



**Sample No:** VCP427240  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM688428



### SAMPLE INFORMATION

Sample Number	<b>VCP427240</b>	VCP433675	VCP407615	VCP399742
Sample Date	<b>22 Mar 2024</b>	26 Oct 2023	25 May 2023	21 Mar 2023
Machine Hours	<b>4647</b>	4088	3007	2502
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### BELSON STEEL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>139</b>	134	196	193
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	4	20	24
Sodium	ppm	<b>&lt;1</b>	<1	<1	<1
Potassium	ppm	<b>&lt;1</b>	0	<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>1</b>	13	4	33
Copper	ppm	<b>2</b>	22	16	9
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>0</b>	0	0	1
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	0	2	2
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>65</b>	49	2179	2371
Magnesium	ppm	<b>0</b>	0	33	29
Zinc	ppm	<b>22</b>	38	986	1025
Phosphorus	ppm	<b>455</b>	433	840	1002
Barium	ppm	<b>0</b>	0	7	34
Boron	ppm	<b>1</b>	2	0	1

**Depot:** BELBOU  
**Unique No:** 10990301  
**Signed:** Wes Davis  
**Report Date:** 22 Apr 2024



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## GRAPHS

