



# CONSTRUCTION EQUIPMENT

SPM621371 SENNEBOGEN 835M 835.0.3000 - REAR AXLE



**Sample No:** VCP428992  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM621371



## SAMPLE INFORMATION

Sample Number	<b>VCP428992</b>	VCP407613	VCP399745	---
Sample Date	<b>26 Oct 2023</b>	25 May 2023	21 Mar 2023	---
Machine Hours	<b>4088</b>	3007	2502	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### BELSON STEEL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>148</b>	192	194	---
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## CONTAMINATION

Silicon	ppm	<b>3</b>	19	23	---
Sodium	ppm	<b>&lt;1</b>	1	<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>77</b>	38	33	---
Copper	ppm	<b>9</b>	10	9	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>0</b>	0	1	---
Chromium	ppm	<b>&lt;1</b>	0	<1	---
Molybdenum	ppm	<b>0</b>	1	2	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>121</b>	2111	2353	---
Magnesium	ppm	<b>0</b>	30	29	---
Zinc	ppm	<b>57</b>	953	1021	---
Phosphorus	ppm	<b>445</b>	864	987	---
Barium	ppm	<b>0</b>	17	34	---
Boron	ppm	<b>0</b>	<1	<1	---

**Depot:** BELBOU  
**Unique No:** 10726659  
**Signed:** Don Baldrige  
**Report Date:** 06 Nov 2023



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## GRAPHS

