



# CONSTRUCTION EQUIPMENT

SPM688436 SENNEBOGEN 835ME 835.0.3070 - FRONT AXLE



**Sample No:** VCP427250  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM688436



## SAMPLE INFORMATION

Sample Number	<b>VCP427250</b>	VCP409268	VCP402104	---
Sample Date	<b>22 Mar 2024</b>	11 Aug 2023	20 Mar 2023	---
Machine Hours	<b>3312</b>	2000	1076	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	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>195</b>	137	185	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>21</b>	3	6	---
Sodium	ppm	<b>&lt;1</b>	1	2	---
Potassium	ppm	<b>0</b>	0	<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 fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>117</b>	3	10	---
Copper	ppm	<b>39</b>	9	9	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>2</b>	0	0	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>2</b>	<1	<1	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	0	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>2221</b>	33	25	---
Magnesium	ppm	<b>28</b>	0	<1	---
Zinc	ppm	<b>1014</b>	22	13	---
Phosphorus	ppm	<b>852</b>	730	1257	---
Barium	ppm	<b>1</b>	1	387	---
Boron	ppm	<b>10</b>	22	0	---

**Depot:** BELBOU  
**Unique No:** 10990308  
**Signed:** Sean Felton  
**Report Date:** 24 Apr 2024



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## GRAPHS

