



# CONSTRUCTION EQUIPMENT

SPM715231 SENNEBOGEN 835ME 835.0.3282 - REAR LEFT FINAL DRIVE



**Sample No:** VCP446411  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM715231



## SAMPLE INFORMATION

Sample Number	VCP446411	VCP436921	---	---
Sample Date	25 Jun 2024	08 Dec 2023	---	---
Machine Hours	1200	223	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	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	█ 146	█ 181	---	---
-------------	-----	-------	-------	-----	-----



## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 2	█ 3	---	---
Sodium	ppm	█ 0	█ 2	---	---
Potassium	ppm	█ 1	█ 0	---	---

## 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	█ 23	█ 81	---	---
Copper	ppm	█ 7	█ 17	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 4	█ 0	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	<1	0	---	---



## ADDITIVES

Calcium	ppm	█ 25	█ 81	---	---
Magnesium	ppm	█ 2	█ 0	---	---
Zinc	ppm	█ 23	█ 48	---	---
Phosphorus	ppm	█ 624	█ 1225	---	---
Barium	ppm	█ 61	█ 368	---	---
Boron	ppm	█ 3	█ 15	---	---

**Depot:** BELBOU  
**Unique No:** 11129491  
**Signed:** Wes Davis  
**Report Date:** 19 Jul 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

