



# CONSTRUCTION EQUIPMENT

## SPM620256 SENNEBOGEN 835ME 835.0.2733 - REAR DIFFERENTIAL



**Sample No:** VCP415042  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM620256



### SAMPLE INFORMATION

Sample Number	VCP415042	VCP422838	---	---
Sample Date	19 Oct 2023	18 Jul 2023	---	---
Machine Hours	7319	6795	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### SIMS METAL MANAGEMENT

2500 S. PAULINA  
 CHICAGO, IL  
 US 60608  
 Contact: RYAN WISE  
 ryan.wise@simsmm.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	█ 161	█ 174	---	---
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### CONTAMINATION

Silicon	ppm	█ 15	█ 48	---	---
Sodium	ppm	█ 12	█ 4	---	---
Potassium	ppm	█ 2	█ 0	---	---



### WEAR METALS

Iron	ppm	█ 221	█ 118	---	---
Copper	ppm	█ <1	█ 30	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 3	█ 1	---	---
Chromium	ppm	█ 8	█ <1	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ 1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 7	3	---	---
Vanadium	ppm	<1	0	---	---



### ADDITIVES

Calcium	ppm	█ 38	85	---	---
Magnesium	ppm	█ 7	2	---	---
Zinc	ppm	█ 7	56	---	---
Phosphorus	ppm	█ 312	1138	---	---
Barium	ppm	█ <1	268	---	---
Boron	ppm	█ 0	7	---	---

### Diagnosis

Resample at the next service interval to monitor. NOTE: one of two samples received with same ID and sampling date. Please note that this is a corrected copy for diagnostic comment updates. 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:** SIMCHIL  
**Unique No:** 10713353  
**Signed:** Don Baldrige  
**Report Date:** 30 Oct 2023



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## GRAPHS

