



CONSTRUCTION EQUIPMENT

SPM606511 SENNEBOGEN 835ME 835.0.2733 - FRONT RIGHT FINAL DRIVE



Sample No: VCP415034
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606511



SAMPLE INFORMATION

Sample Number	VCP415034	VCP342019	---	---
Sample Date	19 Oct 2023	04 Nov 2021	---	---
Machine Hours	15132	2994	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	SEVERE	---	---

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	█ 188	█ 185	---	---
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CONTAMINATION

Silicon	ppm	█ 22	█ 4	---	---
Sodium	ppm	█ 0	█ 8	---	---
Potassium	ppm	█ 0	█ <1	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	▲ 560	█ 284	---	---
Copper	ppm	█ 3	█ 464	---	---
Lead	ppm	█ 0	█ 2	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 1	█ 18	---	---
Chromium	ppm	█ 2	█ 2	---	---
Molybdenum	ppm	█ <1	█ 2	---	---
Nickel	ppm	█ <1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 8	24	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 2889	█ 34	---	---
Magnesium	ppm	█ 53	█ 10	---	---
Zinc	ppm	█ 1071	█ 406	---	---
Phosphorus	ppm	█ 911	█ 1132	---	---
Barium	ppm	█ 0	█ 250	---	---
Boron	ppm	█ 5	█ 15	---	---

Depot: SIMCHIL
Unique No: 10713375
Signed: Don Baldrige
Report Date: 30 Oct 2023



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GRAPHS

