



CONSTRUCTION EQUIPMENT

SPM658738 SENNEBOGEN 835ME 835.0.2733 - FRONT RIGHT FINAL DRIVE



Sample No: VCP427362
Oil Type: GEAR OIL SAE 80W90
Job No: SPM658738



SAMPLE INFORMATION

Sample Number	VCP427362	VCP415034	VCP342019	---
Sample Date	03 Feb 2024	19 Oct 2023	04 Nov 2021	---
Machine Hours	7814	15132	2994	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	ABNORMAL	SEVERE	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	187	188	185	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	20	22	4	---
Sodium	ppm	0	0	8	---
Potassium	ppm	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	177	560	284	---
Copper	ppm	19	3	464	---
Lead	ppm	<1	0	2	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	1	1	18	---
Chromium	ppm	<1	2	2	---
Molybdenum	ppm	2	<1	2	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	3	8	24	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	2335	2889	34	---
Magnesium	ppm	28	53	10	---
Zinc	ppm	959	1071	406	---
Phosphorus	ppm	858	911	1132	---
Barium	ppm	0	0	250	---
Boron	ppm	16	5	15	---

Depot: SIMCHIL
Unique No: 10883436
Signed: Don Baldrige
Report Date: 17 Feb 2024

VOLVO **GRAPHS**

