



CONSTRUCTION EQUIPMENT

SPM686819 SENNEBOGEN 835ME 835.0.2350 - FRONT LEFT FINAL DRIVE



Sample No: VCP443678
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686819



SAMPLE INFORMATION

Sample Number	VCP443678	VCP404529	VCP355422	VCP287110
Sample Date	15 Mar 2024	23 Mar 2023	29 Jun 2022	13 Nov 2020
Machine Hours	15766	13021	11355	6704
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	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	144	191	180	134
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	22	21	<1
Sodium	ppm	0	2	3	<1
Potassium	ppm	1	0	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	1	107	231	27
Copper	ppm	<1	23	19	5
Lead	ppm	1	0	<1	0
Tin	ppm	1	0	<1	0
Aluminum	ppm	2	4	6	0
Chromium	ppm	<1	7	17	<1
Molybdenum	ppm	1	2	1	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	<1	3	4	<1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	37	2312	1751	16
Magnesium	ppm	5	29	26	2
Zinc	ppm	20	933	827	1
Phosphorus	ppm	426	799	738	453
Barium	ppm	<1	0	1	0
Boron	ppm	4	7	14	48

Depot: SIMCHIL
Unique No: 10941444
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

