



CONSTRUCTION EQUIPMENT

SPM686831 SENNEBOGEN 835ME 835.0.2902 - FRONT LEFT FINAL DRIVE



Sample No: VCP435659
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686831



SAMPLE INFORMATION

Sample Number	VCP435659	VCP422961	VCP423177	VCP383257
Sample Date	12 Mar 2024	29 Nov 2023	26 Jun 2023	19 Apr 2023
Machine Hours	5160	5105	3988	3469
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	169	145	184	177
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	1	6	4
Sodium	ppm	10	<1	15	11
Potassium	ppm	1	8	1	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	98	0	706	440
Copper	ppm	10	0	302	252
Lead	ppm	0	0	1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	1	13	10
Chromium	ppm	2	0	4	2
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	2	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	0	24	18
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	336	90	9	94
Magnesium	ppm	15	10	5	2
Zinc	ppm	156	39	236	236
Phosphorus	ppm	913	281	1184	1150
Barium	ppm	0	0	339	287
Boron	ppm	31	1	0	2

Depot: SIMCHIL
Unique No: 10990272
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

