



CONSTRUCTION EQUIPMENT

SPM686831 SENNEBOGEN 835ME 835.0.2902 - REAR LEFT FINAL DRIVE



Sample No: VCP435661
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686831



SAMPLE INFORMATION

Sample Number	VCP435661	VCP422962	VCP423178	VCP383165
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
ryan.wise@simsmm.com
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OIL CONDITION

Visc @ 40°C	cSt	166	146	184	185
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	1	5	4
Sodium	ppm	9	1	5	4
Potassium	ppm	1	9	0	0

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	64	<1	178	133
Copper	ppm	9	1	▲ 146	▲ 116
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	2	3	2
Chromium	ppm	1	0	1	1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	2	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	0	6	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	305	71	28	3
Magnesium	ppm	14	11	5	0
Zinc	ppm	135	38	113	76
Phosphorus	ppm	877	284	1175	1138
Barium	ppm	0	4	387	351
Boron	ppm	27	0	0	0

Depot: SIMCHIL
Unique No: 10990277
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

