



CONSTRUCTION EQUIPMENT

SPM688847 SENNEBOGEN 835ME 835.0.2078 - RIGHT SWING DRIVE



Sample No: VCP426500
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688847



SAMPLE INFORMATION

Sample Number	VCP426500	VCP425327	VCP418507	VCP387379
Sample Date	01 Apr 2024	12 Oct 2023	19 May 2023	02 Mar 2023
Machine Hours	20857	19841	19056	18536
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	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	154	201	208	197
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CONTAMINATION

Water	%	NEG	NEG	▲ 0.558	NEG
Silicon	ppm	15	31	23	30
Sodium	ppm	<1	0	<1	<1
Potassium	ppm	3	1	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	69	185	108	217
Copper	ppm	57	▲ 226	▲ 244	▲ 279
Lead	ppm	<1	0	2	4
Tin	ppm	2	8	8	▲ 11
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	2	<1	2
Molybdenum	ppm	19	0	1	2
Nickel	ppm	0	1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	2	1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	423	899	1976	2042
Magnesium	ppm	331	21	21	20
Zinc	ppm	481	410	875	839
Phosphorus	ppm	624	648	767	780
Barium	ppm	0	0	0	0
Boron	ppm	0	0	9	18

Depot: SIMCHIL
Unique No: 10990262
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

