



CONSTRUCTION EQUIPMENT

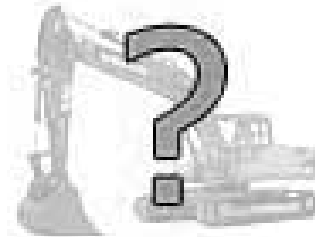
SPM581201 SENNEBOGEN 835ME 835.0.2266 - LEFT SWING DRIVE



Sample No: VCP422976

Oil Type: SHELL 220

Job No: SPM581201



SAMPLE INFORMATION

Sample Number	VCP422976	VCP422529	VCP410830	VCP397537
Sample Date	11 Aug 2023	09 May 2023	09 Mar 2023	20 Feb 2023
Machine Hours	19533	19009	18581	18581
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	196	199	198	198
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CONTAMINATION

Water	%	---	---	---	▲ 0.230
Silicon	ppm	22	23	20	20
Sodium	ppm	0	<1	0	0
Potassium	ppm	<1	<1	2	2

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	44	33	35	166
Copper	ppm	98	62	67	▲ 497
Lead	ppm	2	1	1	▲ 39
Tin	ppm	2	1	1	▲ 11
Aluminum	ppm	1	<1	2	2
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	2	2	2	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3290	3022	3054	1810
Magnesium	ppm	45	45	43	10
Zinc	ppm	1130	1063	1041	772
Phosphorus	ppm	936	857	835	728
Barium	ppm	0	0	0	0
Boron	ppm	12	9	7	37

Depot: SIMCHIL
Unique No: 10616423
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

