



CONSTRUCTION EQUIPMENT

SPM620698 SENNEBOGEN 835E 835.0.2441 - LEFT SWING DRIVE



Sample No: VCP425248
Oil Type: MOBIL SHC 630
Job No: SPM620698



SAMPLE INFORMATION

Sample Number	VCP425248	VCP05869735	VCP338611	---
Sample Date	12 Oct 2023	15 Dec 2022	14 Mar 2022	---
Machine Hours	6304	8600	5418	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	N/A	Not Chngd	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

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	█ 196	█ 205	█ 211	---
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CONTAMINATION

Water	%	▲ 0.742	---	▲ 0.220	---
Silicon	ppm	█ 20	█ 7	█ 8	---
Sodium	ppm	█ 0	█ 2	█ 0	---
Potassium	ppm	█ 2	█ 3	█ 6	---

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	▲ 489	▲ 604	▲ 911	---
Copper	ppm	▲ 221	█ 15	█ 192	---
Lead	ppm	█ 0	█ <1	█ <1	---
Tin	ppm	▲ 15	█ 10	█ 20	---
Aluminum	ppm	█ 2	█ 0	█ 1	---
Chromium	ppm	█ 4	█ 8	█ 8	---
Molybdenum	ppm	█ 0	█ <1	█ <1	---
Nickel	ppm	█ 2	█ <1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	█ 5	█ 6	█ 7	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	█ 2262	█ 5	█ 12	---
Magnesium	ppm	█ 40	█ <1	█ 0	---
Zinc	ppm	█ 964	█ 117	█ 122	---
Phosphorus	ppm	█ 871	█ 379	█ 384	---
Barium	ppm	█ 0	█ 0	█ 0	---
Boron	ppm	█ 25	█ 7	█ 23	---

Depot: SIMCHIL
Unique No: 10713349
Signed: Don Baldrige
Report Date: 30 Oct 2023



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GRAPHS

