



CONSTRUCTION EQUIPMENT

SPM688428 SENNEBOGEN 835M 835.0.3000 - RIGHT SWING DRIVE



Sample No: VCP427247
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688428



SAMPLE INFORMATION

Sample Number	VCP427247	VCP433714	VCP399749	VCP353600
Sample Date	22 Mar 2024	26 Oct 2023	21 Mar 2023	06 Jul 2022
Machine Hours	4647	4088	2502	545
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

BELSON STEEL
1685 N STATE RTE 50
BOURBONNAIS, IL
US 60914
Contact: M. POZAN
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F:

OIL CONDITION

Visc @ 40°C	cSt	205	215	206	208
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	21	23	26	3
Sodium	ppm	2	<1	0	1
Potassium	ppm	2	0	<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	74	314	92	401
Copper	ppm	52	▲ 238	148	31
Lead	ppm	0	1	0	<1
Tin	ppm	3	▲ 13	6	3
Aluminum	ppm	0	0	<1	1
Chromium	ppm	0	2	<1	2
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	3	<1	4
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	60	319	498	6
Magnesium	ppm	5	0	5	<1
Zinc	ppm	29	179	247	75
Phosphorus	ppm	433	447	595	354
Barium	ppm	0	0	0	1
Boron	ppm	0	<1	2	19

Depot: BELBOU
Unique No: 10990278
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

